Form approved. Budget Bureau No. 42-R1425.

# UNITED STATES DEPARTMENT OF THE INTERIOR

	GEOLO	GICAL SURVI	ΞΥ				751	AND SERIAL	NO.
APPLICATION	FOR PERMIT	O DRILL, I	DEEPE	N, OR PLUG E	<b>BACK</b>	·		E OR TRIBE N	AME
1a. TYPE OF WORK  DRI  b. TYPE OF WELL  OIL GA WELL W	LL &	DEEPEN [	<u> </u>	PLUG BA	CK 🗆	S. PARM C	REEMENT		
2. NAME OF OPERATOR  Yates Petrole 3. ADDRESS OF OPERATOR	eum Corporation				હ કુ જ	9. WELL 1	Canyo o. -33		
105 South Fo	urth Street - A	rtesia, NM In accordance wit	882 h any 8		<u> </u>	10, FIELD		OB WILDCAT	
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Same 14. distance in miles A						12: COUNT	OR PARIS	TATE LEL TE	
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest drig	INE, FT. c. unit line, if any)	inwest of Ha	16. NO	961.88	TO T	San Cor Acres As	80	7 % UT	
18. DISTANCE FROM PROP- TO NEAREST WELL, DI OR APPLIED FOR, ON THE	RILLING, COMPLETED,			5190' WW	<b>F</b>	Rotary		67.00 67.00	
21. ELEVATIONS (Show who	ther DF, RT, GR, etc.) 5358' GR				e s in	-1 3.6	ox. date w ASAP-	ORK WILL ST	ART*
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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	00T	SETTING DEPTH		QUANT	<del></del>	MT-	
<u>17-1/2"</u>	13-3/8"	48# H-40		Approx. 100'	50 s		<u> </u>	<u> </u>	<del> </del>
12-1/4" 7-7/8"	9-5/8" 5-1/2"	36# K-55 15.5# J-5		" 2200 '	950 s 450 s				
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BOP PROGRAM:			*	en surface casi		set;		espect ( )	
			E (	<b>GISIV</b> (5) JG 27 1986		pe) and pour and property and p		보수 <sup>3</sup> . (1) 제 2 (1) 제 2 (1) 제 2 (1) 제 2 (1) 제 2 (1)	
IN ABOVE SPACE DESCRIBE zone. If proposal is to preventer program, if an 24.		proposal is to dee ally, give pertinen	pen on the data OIL.	GAS & MINING  Regulatory Age	\$*************************************	ductive zone			····
(This space for Fede	ral or State office use)	TI	rle	regulatory Age	-110	DA7	Aug.	. 43, 13	
PERMIT NO.	3-037-3/2		· · · · · · · · · · · · · · · · · · ·		UTAH	BY THE DIVISION	N OF	Έ	
APPROVED BY CONDITIONS OF APPROV	AL, IF ANY:	Tr	rle	DATE	9-8	36	7		

\*See Instructions On Reverse Side SPACING:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER-VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLL MORE AND BELIEF.

#8466 Registered New Mexico

Registered Land Surveyor New Mexico P.L.S. No.8466

August 20 , 86

#### YATES PETROLEUM CORPORATION Cave Canyon #1-33 535' FSL and 2025' FEL of Section 33-T37S-R24E San Juan County, Utah

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with BLM requirements.

- 1. The geological surface formation is the Morrison formation.
- 2. The estimated tops of geologic markers are as follows:

Chinle	1911'
Shinrump	2626
Cutler	2945'
Honaker Trail	4720'
Upper Ismay	5735 <b>'</b>
Desert Creek	5987 <b>'</b>
Akah	6087'
TD	6190'

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Surface to 1026'

Oil or Gas: Honaker Trail 4720'; Upper Ismay 5735'; Desert Creek 5987'

4. Proposed Casing Program:

Surface Casing:

There will be one stage of cement. Cemented with 900 sacks of Class "C" 2% CaCl2 (700 cubic feet of cement) circulated. Casing shoe will be set at 2200' and float equipment set at approximately 2160'.

Production Casing:

There will be one stage or as warranted of cement. Cemented with enough Class "C" to equal 235 cubic feet or approximately 310 sacks to reach estimated top at 5000'. Float collar will be set at approximately 40' above TD with casing shoe set at TD.

NOTE: The San Juan Resource Are will be notified 1 day prior to running casing strings and cement, Pressure Test.

- 5. Pressure Control Equipment: See Form 9-331C. NOTE: The San Juan Resource Area will be notified 1 day prior to pressure testing.
- 6. Mud Program:

DEPTH	TYPE	WEIGHT #/GALLON	VIS-sec/qt.	FLUID LOSS (cc)
0-5500'	FW			
5500-TD	FW gel/starch	9.0-10.4	35-45	10-15

7. Auxiliary Equipment: Kelly cock; pit level indicators and flow sensor equipment; sub with full-opening valve on floor, drill pipe connection.

Cave Canyon #1-33 Page 2:

8. Testing, Logging and Coring Program:

Samples: 10' samples caught out from under surface casing to TD

DST's: Two (2) possible

Coring: None

Logging: DIL & CNL/LDT from TD to casing. Possible dipmeter and sonic.

9. No abnormal pressures or temperatures are anticipated.

10. Anticipated starting date: As soon as possible after approval.

MULTI-POINT SURFACE USE AND OPERATIONS PLAN
YATES PETROLEUM CORPORATION
Cave Canyon #1-33
535' FSL and 2025' FEL of
Section 33-T37S-R24E
San Juan County, Utah

This plan is submitted with Form 9-331C, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

#### 1. EXISTING ROADS:

- From Hatch Trading Post follow Perkins Ranch road to a point approximately 3
  miles west of Perkins Ranch on County Road 204.
- 2. Turn right and go to Duncan Oil Company Wells #1 (NE/NE of Section 4). New road will start here.
- 3. Refer to map.

#### 2. PLANNED ACCESS ROAD

- A. The new road will be 20 feet in width and approximately 2000' in length with access into northwest corner.
- B. The new road will be bladed. Native materials will be used if needed in wet weather, surfacing material may be needed. No turnouts will be built. One culvert may be needed to cross drainage.
- C. The route of the road is flagged and visible.
- D. Encroachment permit will be obtained from San Juan County Road Department.
- E. Road right-of-way will be transferred from Marathon Oil Company to Yates
  Petroleum Corporation. Maintenance agreement will be made with Duncan Oil Co.

#### 3. LOCATION OF EXISTING WELL:

- A. There is drilling activity within a one mile radius of the wellsite.
- 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:
  - A. There are no production facilities on this lease at the present time.
  - B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive gas.

Cave Canyon #1-33 Page 2:

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from commercial purposes and will be hauled to the location by truck over the existing and proposed roads. Water and permits will be obtained by the drilling contractor. The State will be notified of the permit number.

#### 6. SOURCE OF CONSTRUCTION MATERIALS:

A. Native materials will be used for pad construction. Location and road will be watered and bladed. Pits will be lined.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pits. Pits will be lined.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. Trash, waste paper, garbage and junk will be buried in a separate burn pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Burn permit will be obtained by drilling contractor.
- G. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

#### 8. ANCILLIARY FACILITIES:

A. None required.

#### 9. WELLSITE LAYOUT:

- A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, etc. The reserve pits will be to the northeast. Access will be from the northwest.
- B. The location surface is sloping to the south.
- C . A 400' X 400' area has been staked and flagged.

Cave Canyon #1-33 Page 3:

#### 10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have dried and been levelled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Operator-Landowner Agreement will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level within after abandonment.

#### 11. OTHER INFORMATION:

- A. Topography: The land surface in the vicinity of the wellsite is sloping to the south. The immediate area of the wellsite is discussed above in Paragraph 9B.
- B. Flora and Fauna: The vegetation cover on wellsite consists of native grasses, miscellaneous growth cedar and pine trees. The area is used for grazing.
- C. Waterways: None
- D. Perkins Ranch is approximately 4 miles east.
- E. Surface Ownership: Federal surface and minerals. This location is in Deer Winter Range Drilling. Restrictions are in effect from 12-1 to 3-1.
- 12. OPERATOR'S REPRESENTATIVE:
  - A. The field representatives responsible for assuring compliance with the approved surface use plan are:

Cy Cowan or Clifton May Regulatory Agents Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210 505-748-1471

Al Springer Drilling Operations Manager 505-748-1471 Cave Canyon #1-33 Page 4:

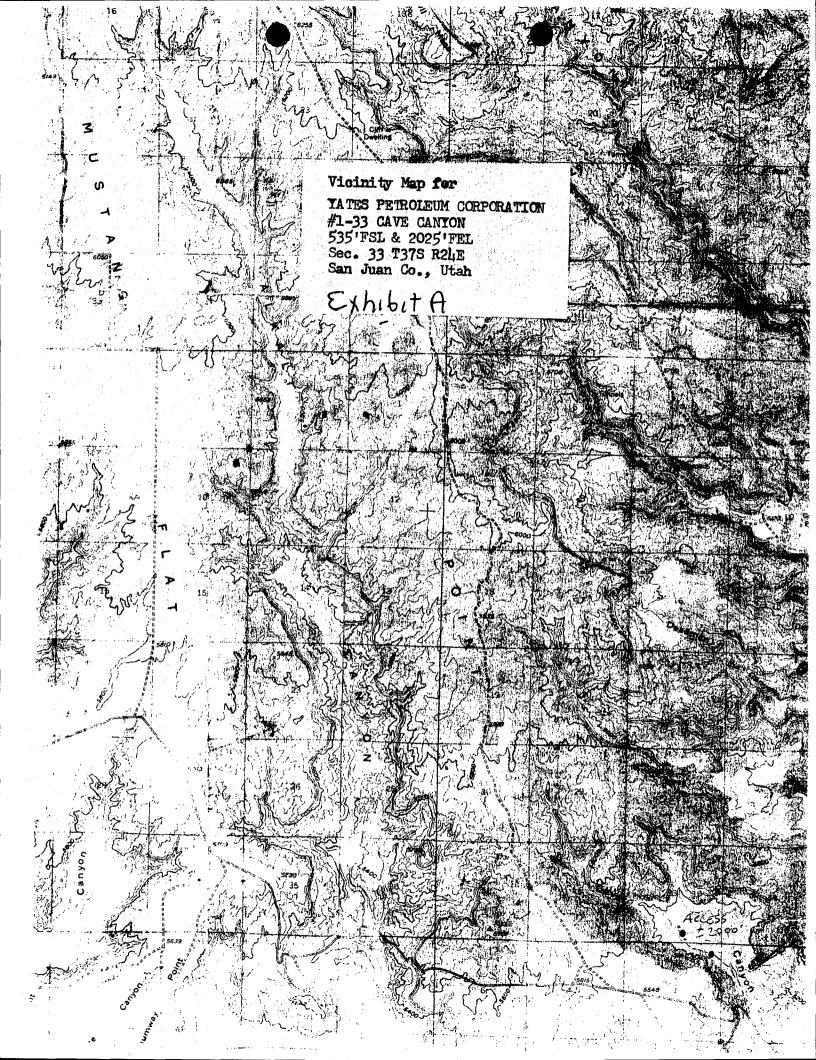
#### 13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Yates Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

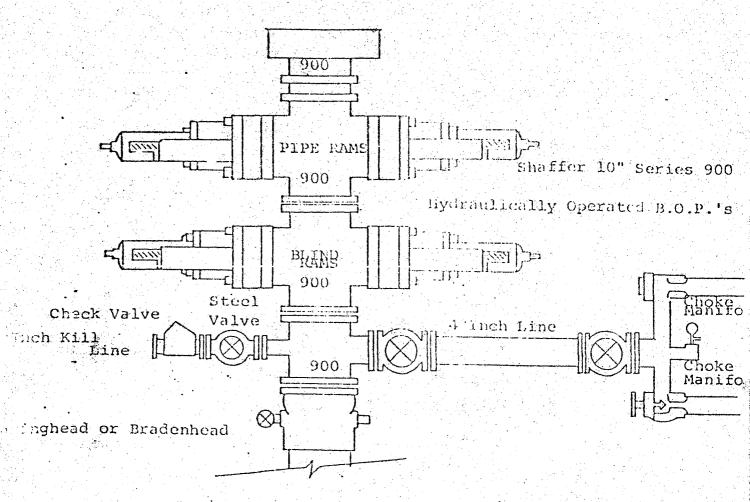
Date 0 / C3

Cy Cowan/

Regulatory Agent



# Exhibit B



## FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

All preventers to be hydraulically operated with secondary manual controlinstalled prior to drilling out from under casing.

Choke outlet to be a minimum of 4" diameter.
Kill line to be of all steel construction of 2" minimum diameter.

All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.

The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.

All connections to and from preventer to have a pressure rating equivale to that of the B.O.P.'s.

Inside blowout preventer to be available on rig floor.

Operating controls located a safe distance from the rig floor.

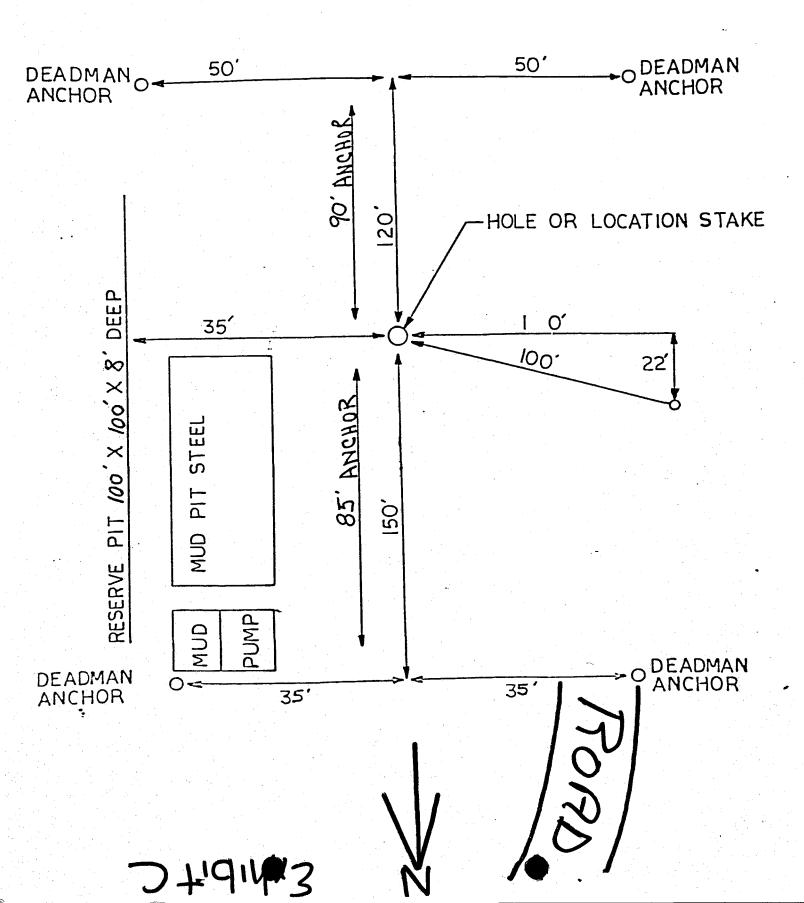
Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.

9. P. float must be installed and used below zone of first gas intrusion



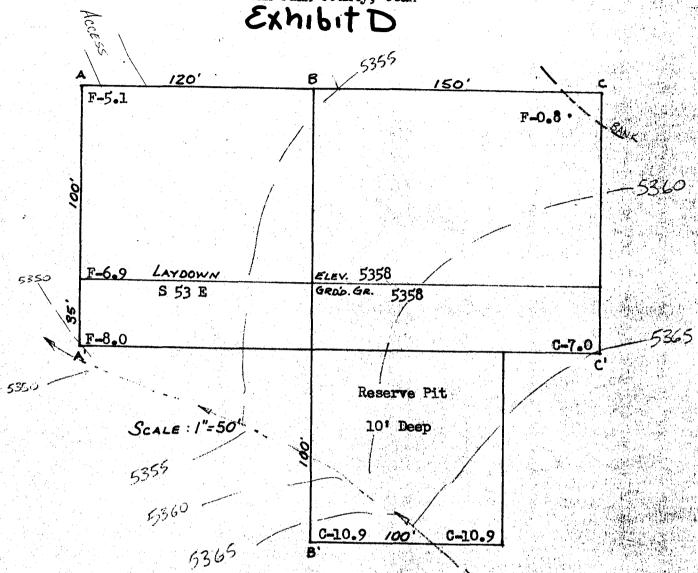
# COLEMAN DRILLING CO

FRONT OF RIG NO. 3



Profile for

YATES PETROLEUM CORPORATION #1-33 CAVE CANYON
535'FSL & 2025'FEL
Sec. 33 T37S R2hE
San Juan County, Utah



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MILE RADIUS 32 33 ARREIAN YAtes Petroleum Corp Cave Canyon 1-33 Sec 33T375R24E SAN JUAN County UTAH ф Exhibit E <del></del>

Form 3160-8 (November 1983) (Formerly 9-1123)

## (Submit in triplicate to appropriate BLM District Office)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE:

Utah

SERIAL NO .:

U-40751

and hereby designates

NAME:

Yates Petroleum Corporation

ADDRESS:

105 South 4th Street, Artesia, NM 88210

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

T. 37 S., R. 24 E., San Juan County, Utah Section 33: SW4SE4

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

MARATHON OIL COMPANY

(Signapura) lassa

(Signature of lessee)
T. R. Lindsey - Attorney-in-Fact

P. O. Box 120, Casper, WY 82602

Address

(Date) (Date)

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and thereto does not require OMB approval.

#### DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah

**SERIAL NO.: U-40751** 

and hereby designates

Name:

Yates Petroleum Corporation

ADDRESS:

207 South Fourth Street

Artesia, New Mexico 88210

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 37 South, Range 24 East, SLM

Section 33: All

San Juan County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

TXP OPERATING COMPANY, a limited partnership
By: Transco Exploration Company, its
Managing General Partner

Wade S. McAlister
Vice President - Land
1700 Lincoln Street, Suite 2100
Denver, Colorado 80203 (Address)

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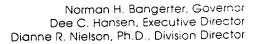
8/12/86

(Date)

60N/102N/W 091004

082710-Off Cont.

OPERATOR Yates Petrolen	m Cors	DATE	9-3-86	
WELL NAME Gare Canyon	1-33			
SEC SW SE 33 T 375 R	24E C	DUNTY A	in Jesan	
43-037-31276 API NUMBER	F	KL TYPE OF LE	EASE	
CHECK OFF:				
PLAT	BOND		NEAREST WELL	
LEASE	FIELD		POTASH (	_E
PRODESSING COMMENTS:  Marather - Care Canyon 1-	-33 to be	sseende	D. Go off	for the
Treed water permit			- Jan Jan	<u>n</u> w
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APPROVAL LETTER:				
SPACING: 203 UNIT	·	30	02	
CAUSE NO. 8	& DATE	30	02.1	
STIPULATIONS: 1- Water				-
		· · · · · · · · · · · · · · · · · · ·		
				<del>:</del>





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 8, 1986

Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210

#### Gentlemen:

Re: Well Name: Cave Canyon 1-33 - SW SE Sec. 33, T. 37S, R. 24E 535' FSL, 2025' FEL - San Juan County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule 302, Oil and Gas Conservation General Rules, Subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

- Spudding notification to the Division within 24 hours after drilling operations commence.
- 2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
- 3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
- Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Cas Occasivation Reneral Rules.

Page 2 Yates Petroleum Corporation Well Name: Cave Canyon 1-33 September 8, 1986 5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163. 6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-037-31276. Sincerely. Associate Director, Oil & Gas as Enclosures cc: Branch of Fluid Minerals D R. Nielson 8159T

## SUBMIT IN T

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR

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5.	TEASE	DEC	TO M A FO	TO N	A 371	D SERIAL	NO
				. <del></del>	-		

	GEOLO	GICAL SURVE	Y	0020	U	U-40751
APPLICATION	ACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME				
1a. TYPE OF WORK						<u> </u>
DRI	LL 🖾	DEEPEN _	1	PLUG BAC	K 🗀	7. UNIT AGREEMENT NAME
b. TYPE OF WELL	<b></b> —			NGLE [ ] MULTIPL		
WELL GA	8. FARM OR LEASE NAME					
2. NAME OF OPERATOR						Cave Canyon
Vates Petrol	eum Corporation	i			•	9. WELL NO.
3. ADDRESS OF OPERATOR	cun corporación				: 1	1-33 8 8
105 South Fo	urth Street - A	rtesia. NM	882	10		10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (ROAL SURface	eport location clearly and	in accordance with	any S	tate requirements.*)		Wildcat
	SL & 2025' FEL				5. 20	11. SEC., T., E., M., OE BLK. AND SURVEY OR AREA
Same		4:	<u> ኃ•ር</u>	)37.3119E	5	Section 33-T37S-R24E
14. DISTANCE IN MILES A	AND DIRECTION FROM NEAD	REST TOWN OR POST	OFFICE			12. COUNTY OR PARISH 13. STATE
Approximatel	y 12 miles nort	hwest of Hat	tch '	Trading Post	. =	San Juan UT
15. DISTANCE FROM PROPO LOCATION TO NEAREST			16. NO	. OF ACRES IN LEASE		OF ACRES ASSIGNED
PROPERTY OR LEASE L (Also to nearest drig	INE, FT.	35'		961.88	TOT	HIS WELL 80
18. DISTANCE FROM PROP			19. PR	OPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS
TO NEAREST WELL, DI OR APPLIED FOR, ON THE		j	6	190 <b>'</b>	1.7	Rotary 55
21. ELEVATIONS (Show who	ether DF, RT, GR, etc.)					22. APPROX. DATE WORK WILL START*
5358 GR S358 ASAP						ASAP-
23. PROPOSED CASING AND CEMENTING PROGRAM						
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	т	SETTING DEPTH		QUANTITY OF CEMENT
17-1/2"	13-3/8"	43# H-49		Approx. 100'	50 sa	acks v i
12-1/4"	9-5/8"	36# K-55		" 2200'	950 sa	acks 2
7-7/8"	5-1/2"	15.5# J-55		TD	450 s	acks :



**DIVISION OF OIL. GAS & MINING** 

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths." Give blowout preventer program,

Aug. 25, 1986 (This space for Federal or State office use) PERMIT NO. Kenneth V. Rhea SEP 17 1986 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A **DATED 1/1/80** 

\*See Instructions On Reverse Side

SUBJECT TO RIGHT OF WAY **APPROVAL** 

COMPANY	YATES	PETROLEUM	CORPORATIO	N		
LEASE	CAVE CANYO	<u>N</u>	WEL	NO	<b>-3</b> 3	
*EC. 33	, т	37S	24E	Marian Maria alaunan da danan		
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LOCATION	535'FS	L & 2025'F	EL		<del> </del>	
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SCALE-4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER. VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLL MORE AND BELIEF!

Registered Land Surveyor
New Mexico P.L.S. No.8466

August 20

August 20

86

Yates Petroleum Corporation Well No. Cave Canyon 1-33 Sec. 33, T. 37 S., R. 24 E. San Juan County, Utah Lease U-40751

#### CONDITIONS OF APPROVAL

#### A. <u>DRILLING PROGRAM</u>

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Order 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions and the approved plan will be made available to the field representative to insure compliance.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Office. If operations are to be suspended, prior approval of the District Office will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the District Office within a minimum of 24 hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within 24 hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Order No. 1 this well will be reported on Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continued each month until the well is plugged and abandoned. This report will be sent to the District Office, P.O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Area Office in accordance with requirements of NTL-3A.

If a replacement rig is needed for completion operations, a Sundry Notice (Form 3160-5) to that effect will be filed for prior approval from the District Office, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations verbal approval to bring on a replacement rig will be approved through the District Office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

If the well is to be completed for production the Area Office is to be contacted in order to set up a pre-production conference. When the well is placed in a producing status the District Office is to be notified by telegram or other written communication within five working days.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

No well abandonment operations will be commenced without the prior approval of the District Office. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Office. A Subsequent Report of Abandonment (Form 3160-5) will be sent to the District Office within 30 days following completion of the well for abandonment. report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Office, or the appropriate surface managing agency. Upon completion of approved plugging a dry hole marker will be erected in accordance with 43 CFR 3162.6. The top of the marker will be closed or capped. The following minimum information will be permanently placed on the marker; "Fed" or "Ind", as applicable, "Lease number", "Well number", location of well by 1/41/4 section, township, and range.

Transfer of the second

The following may be inspected and/or witnessed:

- The cementing and testing of surface casing, testing BOP's.
- 2. (Dry Hole) Setting and testing of surface casing shoe plug.
- 3. (Depleted Producer) The setting and testing of plugs across the producing horizon and if applicable the surface casing shoe plug and/or annulus (casing to formation) squeeze jobs.

Notify the San Juan Resource Area (Mike Wade) one day or on dry hole as soon as possible prior to the above at (801) 587-2141 (Home) (801) 587-2026 or if unable to reach Mike, call Moab District Office Greg Noble at (801) 259-6111 (Home) (801) 259-8811.

#### B. THIRTEEN POINT SURFACE USE PLAN

#### 1. Planned Access Roads:

The state of the state of

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance by the San Juan Area Manager.

The access road will be water barred or brought to Class III Road Standards within 60 days of dismantling of the drill rig. If this time frame cannot be met, the San Juan Area Manager will be notified so that temporary drainage control can be installed along the access road.

The Class III Road Standards which ensure drainage control over the entire road through the use of natural, rolling topography; ditch turnouts; drainage dips; outsloping; crowning; low water crossings; and culverts will be determined at the appropriate field inspection.

### 2. Location of Tank Batteries and Production Facilities:

All permanent (on site for 6 months or longer) above ground facilities (including pump jacks) will be painted a flat, nonreflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5-State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The color will be neutral.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery.

12.54.9%

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place before any deliveries. Tests for meter accuracy will be conducted monthly for the first 3 months on new meter installations and at least quarterly thereafter. The San Juan Area Manager will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the San Juan Area Manager. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

### 3. Methods of Handling Waste Disposal:

Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

## 4. Well Site Layout:

The top 8-10 inches of soil material will be removed from the location and stockpiled separate from the trees on the north (downhill) side. Topsoil along the access will be reserved in place.

### 5. Reclamation:

a. The operator/holder or his contractor will contact the San Juan Resource Area office in Monticello, Utah (801) 587-2141, 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.

- b. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling all cuts.
- c. The stockpiled topsoil will be spread evenly over the disturbed area. All disturbed areas will be ripped 12 inches deep with the contour.
- d. Water bars will be built as follows to control erosion.

Grade	Spacing		
2%	Every 200 feet		
2-4%	Every 100 feet		
4-5%	Every 75 feet		
5+%	Every 50 feet		

- e. Seed will be broadcast between October 1 and February 28 with the following prescription. A harrow or similar implement will be dragged over the area to assure seed cover.
  - 3 lbs/acre Indian ricegrass (Oryzopsi hymenoides)3 lbs/acre Western wheatgrass (Agropyron smithii)
  - 3 lbs/acre Fourwing saltbush (Atriplex canenscens)
  - T lb/acre Wild sunflower (Helianthus annuus)
- f. After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The accessw will be blocked to prevent vehicular access.
- g. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.

#### 6. Other Information:

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There will be no change from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be used. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

If subsurface cultural materials are exposed during construction, construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All people who are in the area will be informed by the operator/holder that they are subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will be done by a BLM approved archaeologist only if damage occurs.

This permit will be valid for a period of one year from the date of approval. After permit termination a new application will be filed for approval for any future operations.

Your contact with the Dis	strict Office is:	
Greg Noble	Petroleum Engineer	Office Phone: (801) 259-6111
		Home Phone: (801) 259-8811
	Petroleum Engineer	Office Phone:
		Home Phone:
	Address:	
8	32 East Dogwood, P. O. Box Moab, Utah 84532	970
Your contact with the	San Juan Resource	Area Office is:
Richard McClure	Natural Resource Special:	ist
		Office Phone: (801) 587-2141
		Home Phone: (801) 587-2874
	Address:	
	/05 27 .1 25 .	

435 North Main, P. O. Box 7 Monticello, Utah 84535

ONH

1a. TYPE OF WELL:

SIGNE

## UNITED STATES

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

WELL

WELL X

120203

Form approved.	
Budget Bureau No.	1004-0137
Expires August 31,	1985

on de)	5. LEASE DESIGNA	TION AND SERIAL NO.
	U-40751	OTTHE OR TRIBE NAME
	N/A 7. UNIT AGREEMEN N/A 8. FARM OR LEASE Cave Canyo	NAME
	9. WELL NO.	
	10. FIELD AND POO	DL, OR WILDCAT
	Wildcat 11. SEC., T., R., M., OR AREA	OR BLOCK AND SURVEY
	Section 33	-T37S-R24E
	12. COUNTY OR PARISH	13. STATE
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	T, GR, ETC.)* 19.	ELEV. CROINGREAD
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		5. WAS DIRECTIONAL.
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11-26-86

DATE .

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Yates F	etroleum	Corpor	ration		1116	64	31311	9. WELL NO.	
3. ADDRESS OF OP	ERATOR			16	DEC!	0 1 1986		1-33	
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						_ 2-7/	8"	5711 <b>'</b>	5711'
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04-12' w/16 37-41' w/8 28-32' w/8	6 .42" Ho .42" Hol .42" Hol	les es es & 5	817-21 '	Holes Pro	5804-12 5837-41 5804-58	ACID. SHOT.  RVAL (MD)  2'  L'  341'  W	w/100 w/100 2 acid	RE. CEMENT ONE AND KIND ONE 15% ONE 15% ONE Pad, I, flushe	SQUEEZE, ETC.  of MATERIAL USED  acid  acid  25000g. 20% Ser  d w/1000g. KCL.
04-12' w/16 37-41' w/8 28-32' w/8 PFIRST PRODUCT 10-23-86	6 .42" Ho .42" Hol .42" Hol	les es es & 5	817-21 '	Holes PROI Towing, gas lift, por Flowing PROD'N. FOR	5804-12 5837-41 5804-58	ACID. SHOT.  RVAL (MD)  2'  L'  341'  W	FRACTUI W/100 W/100 /10000 2 acid	RE. CEMENT ONT AND KIND ONG. 15% ONG. 15% ONG. Pad, I, flushe	SQUEEZE, ETC.  of MATERIAL USED  acid  acid  25000g. 20% Ser  d w/1000g. KCL.
04-12' w/16 37-41' w/8 28-32' w/8 • THE FIRST PRODUCT 10-23-86 THE OF THET	6 .42" Ho .42" Ho1 .42" Ho1	les es es & 5	817-21'	Holes PROF Flowing, gas lift, prof Flowing	5804-12 5837-41 5804-58 DUCTION umping—size an	ACID. SHOT.  RVAL (MD)  2 1  1 7  341	FRACTUI W/100 W/100 /10000 2 acid	RE. CEMENT ONE AND KIND ONE 15% ONE 15% ONE Pad, I, flushe  WELL S: SIWO WATER—BBL	SQUEEZE, ETC.  of MATERIAL USED  acid acid 25000g. 20% Ser d w/1000g. KCL.  TATUS (Producing or in) PLC GAS-OIL RATIO
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11-17-86 W. TURING PROFES.	6 .42" Ho .42" Ho1 .42" Ho1  HOURS TEST 24 CASING PRES	les es es & 5	817-21' METHOD (F  1 10KB 81ZE 40/64"	Holes PROI Flowing, gas lift, pro Flowing PROD'N. FOR TEST PERIOD OIL—BBL.	5804-12 5837-41 5804-58 DUCTION umping—size an	ACID. SHOT.  RVAL (MD)  2 1  1 7  341 W  GAS—NCI  750  CF.	FRACTUI  AMOU  W/100  W/1000  /10000  2 acid  p)  F.	RE. CEMENT One 15% One 15% One Pad, I, flushe    WELL 8: shut-   SIWO	SQUEEZE, ETC.  OF MATERIAL USED  acid  acid  25000g. 20% Ser  d w/1000g. KCL.  TATUS (Producing or in)  PLC  GAS-OIL RATIO  2830/1  OIL GEAVITY-API (CORE.)
04-12' w/16 37-41' w/8 28-32' w/8  ** ** ** ** ** ** ** ** ** ** ** ** *	6 .42" Ho .42" Ho1 .42" Ho1 TON   PI HOURS TEST 24   CASING PRES	les es es & 5  RODUCTION  ED CH  SURE CA	817-21 METHOD (F	Holes PROI Flowing, gas lift, po Flowing PROD'N. FOR TEST PERIOD OIL—BBL.	5804-12 5837-41 5804-58 DUCTION umping—size an	ACID. SHOT.  RVAL (MD)  2 1  1 7  341 W  GAS—NCI  750  CF.	FRACTUI  MOU  W/100  V/10000  2 acid  p)  F.  WATERR  -0-	RE, CEMENT Ong. 15% Ong. 15% Ong. Pad, I, flushe  WELL S: Shut- SIWO WATER—BBL.  -0- BL.	SQUEEZE, ETC.  OF MATERIAL USED  acid  acid  25000g. 20% Ser d w/1000g. KCL.  FATUS (Producing or in)  PPLC  GAS-OIL RATIO 2830/1  DIL GRAVITY-API (CORR.)  41°
04-12' w/16 37-41' w/8 28-32' w/8  *** *** *** *** *** ** ** ** ** ** **	6 .42" Ho .42" Hol .42" Hol .42" Hol .42" About Test 24   Casing preserved Pkr   Pkr	les es es & 5  RODUCTION  ED CH  SURE CA 24	METHOD (F  IOKE SIZE  40/64"  LCULATED -HOUR BATI  ented, etc.)	Holes PROI PROI PROI Flowing, gas lift, pro Flowing PROD'N. FOR TEST PERIOD OIL—BBL. 265	5804-12 5837-41 5804-58 DUCTION umping—size an	ACID. SHOT.  RVAL (MD)  2 1  1 7  341 W  GAS—NCI  750  CF.	FRACTUI  W/100  W/1000  /10000  2 acid  p)  F.  WATERB  -O-	RE, CEMENT ONE AND KIND ONE 15% ONE 15% ONE Pad, I, flushe  WELL S: SIWO WATER—BBL0- BL. CONTEST WITNESS	SQUEEZE, ETC.  OF MATERIAL USED  acid  acid  25000g. 20% Ser d w/1000g. KCL.  TATUS (Producing or in)  PLC  GAS-OIL RATIO  2830/1  OIL GRAVITY-API (CORR.)  41°
04-12' w/16 37-41' w/8 28-32' w/8  FE FIRST PRODUCT 10-23-86 FE OF TEST 11-17-86 W. TUBING PRESS. 125# DISPOSITION OF G	AS (Sold, used sold -	les es es & 5  RODUCTION  ED CH  SURE CA 24	METHOD (F  IOKE SIZE  40/64"  LCULATED -HOUR BATI  ented, etc.)	Holes PROI PROI PROI Flowing, gas lift, pro Flowing PROD'N. FOR TEST PERIOD OIL—BBL. 265	5804-12 5837-41 5804-58 DUCTION umping—size an	ACID. SHOT.  RVAL (MD)  2 1  1 7  341 W  GAS—NCI  750  CF.	FRACTUI  W/100  W/1000  /10000  2 acid  p)  F.  WATERB  -O-	RE, CEMENT Ong. 15% Ong. 15% Ong. Pad, I, flushe  WELL S: Shut- SIWO WATER—BBL.  -0- BL.	SQUEEZE, ETC.  OF MATERIAL USED  acid  acid  25000g. 20% Ser d w/1000g. KCL.  TATUS (Producing or in)  PLC  GAS-OIL RATIO  2830/1  OIL GRAVITY-API (CORR.)  41°

Other .

Production Supervisor

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

TITLE

TOP	TRUE VERT. DEPTH					
JT	MEAS, DEPTH	755 956 1529	1839 2675 4598 5552 5695	5951 6015 6075		
	NAME	Entrada Navajo Wingate	Chinle Cutler Honaker Trail Paradox Upper Ismay Lower Ismay	pper Desert Greek ower Desert Greek Akah		
DESCRIPTION, CONTENTS, ETC.						
BOTTOM						
TOP						
FORMATION						

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

S. P. YATES CHAIRMAN OF THE BOARD

JOHN A. YATES PRESIDENT

PEYTON YATES EXECUTIVE VICE PRESIDENT

RANDY G. PATTERSON SECRETARY

DENNIS G. KINSEY TREASURER

DECENVED APR 10 1989

ATTENTION: Mr. John Baza

UIVISION OF OIL, GAS & MINING

			Form approved.	
Form 3160-5 (November 1983)	JNLIED STATES	SUBMIT IN TRIPLICATE	Budget Bureau	No. 1004-0135
(Formetly 9-331) DEPARTM	OF THE INTER	COR (Other Instruction reverse side)	Expires August	31, 1985
· ·			5. LEASE DESIGNATION	AND BERIAL NO.
BUREAU	J OF LAND MANAGEMEN	(T	บ–40751	
CHAIDDY MOTH	CEC AND DEDODEC	ON WELLS	6. IF INDIAN, ALLOTTE	OR TRIBE NAME
	CES AND REPORTS	ON MELLS	DT / A	,
(Do not use this form for propose Use "APPLICA"	ils to drill or to deepen or the first	Called Adeat reservoir	N/A	
1.				
OIL 1779 GAS	Mile		7. UNIT AGREEMENT NA	ME
WELL WELL OTHER			N/A	
2. NAME OF OPERATOR	1403	APR 1 () 1000 284	8. FARM OR LEASE NAM	
Vator Dotter law Com		1309		
Yates Petroleum Corpo	oration	<b>.</b>	Cave Canyon	
3. ADDRESS OF OPERATOR	•	DIVISION OF	9. WELL NO.	
105 South 4th St., A. LOCATION OF WELL (Report location cle	rtesia.NM 88210 <b>U</b>	IL, GAS & MINING	1-33	
4. LOCATION OF WELL (Report location cle	early and in accordance with any	State requirements.	10. FIELD AND POOL, OF	R WILDCAT
See also space 17 below.) At surface				
			Wildcat	
535' FSL & 2025' 1	FEL, Sec. $33-T37S-R2$	24E (SW/SE)	11. SEC., T., R., M., OR B SURVEY OR ARMA	LK. AND
			Section 33-T37	70 ከኃሊቱ
14. PERMIT NO.	15. ELEVATIONS (Show whether DI	F. RT. CR. etc.)	12. COUNTY OR PARISH	
ADT #40 007 0-0-6			THE COUNTY OF PARISH	AO. STATE
API #43-037-31276	5358 GR		San Juan	Utah
16. Charl. A	D. T. I. de . N			
Cneck App	probligge pox to indicate is	Nature of Notice, Report, or O	ther Data	
NOTICE OF INTENT	ION TO:	SUBSECUI	ENT REPORT OF:	
<u> </u>	[]		)	
TEST WATER SHUT-OFF	TLL OR ALTER CASING	WATER SHUT-OFF	BEPAIRING W	ELL
FRACTURE TREAT	ULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA	SING
SHOOT OR ACIDIZE	BANDON*	SHOOTING OR ACIDIZING	ABANDONMEN	11
REPAIR WELL CI	TANGE PLANS	(Other) DST Report	ADANDUNMEN	<u>X</u>
			of multiple completion	
(Other)  17. DESCRIBE PROPOSED OR COMPLETED OPER. proposed work. If well is direction nent to this work.)**		(Note: Report results of Completion or Recomple	tion Report and Log for	т.) т. мен
with blow to bottom h SI. Reopened with 30 drilling fluid. SAME PRESSURES: THP IFP ISIP FFP FSIP FHP	Ducket (1/8" choke). O' flare immediately PLER: 1150 psi, 7.6  TOP 2950 80-159 2062 80-186 2062 2937 29	SI 60"; TO 90"; SI 180 GTS in 6 minutes, 30 (115# pressure). REC 6 cfg. BHT 127°. OTTOM 183 21-174 076 07-188 076 056	)' flare (89# p COVERY: 180' g	ressure).
18. I hereby certify that the foregoing is to SIGNOTIL And Land (This space for Federal or State office	Mess TITLE Pr	oduction Supervisor	DATE 4-7-8	9
APPROVED BY	Mana sa			
CONDITIONS OF APPROVAL, IF AN	TITLE		_ DATE	
The state of the s				

(N	rm 3160 -vember 1	9831
(1 <sub>7</sub>	ormerly 9	3,11

SHOOT OR ACIDIZE

# **UNITED STATES**

ABANDON\*

CHANGE PLANS

SUBMIT IN TRIPLICATES

SHOUTING OR ACIDIZING

Form approved. Budget Bareau N

Exp	ires	August	.31.	1985
LEASE	DESI	CNATION	150	SERT

,	 LEASE	DESIGNATION	4 5 14	a rı
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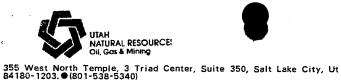
	BUREAU OF LAND MANAGEMENT	U-40751
	SUNDRY NOTICES AND REPORTS ON WELLS  (100 not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	G IF INDIAN, ALLOTTRE OR TRIBE AM
ī.	WELL X WELL OTHER WELL TOTHER	7. UNIT AGBREMENT NAME
2.	NAME OF OPERATOR	S. FARM OR LEASE NAME
3.	Yates Petroleum Corporation APR 10 1989	Cave Canyon
4.	105 South 4th St., Artesia, NM 88210 DIVISION OF LOCATION OF WELL (Report location clearly and in accordance with any SOIL; GAS CMINING See also space 17 below.) At surface 535' FSL & 2025' FEL, Sec. 33-T37S-R24E	1-33 10. FIELD AND POOL. OR WILDCAT Wildcat 11. SEC., T., E., M., OR BLE. AND SUBVEY OR AREA
		SUBSTITUTE AND ADDRESS OF THE PROPERTY OF THE
·		SW/SE, Sec. 33-T37S-R24
	PERMIT NO. 15 ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
PΙ	#43-037-31276 5358' GR	San Juan Utah
16.	Check Appropriate box to indicate Nature of Notice, Report, or	Other Data
	NOTICE OF INTENTION TO:	EQUENT REPORT OF:
	TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF PRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT	REPAIRING WELL

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) Perforate & treat Upper IsmayX 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

> Propose to perforate Upper Ismay 5753-5774' w/30 .42" holes (2 SPF) at each following depth: 5753, 54, 55, 56, 57, 58, 59, 60, 65, 66, 67, 68, 72, 73, 74'. Spot approximately 150 gals 20% NEFE acid. GIH w/tubing and packer. Break perfs down if required. Swab load. If necessary, will acidize w/1500 gals 20% NEFE acid & ball sealers. Recover load and test. After testing, pull RBP and return all perforations to production.

18	. I hereby certify that the foregoing is true and correct			<del></del>			<del></del>
: 5	signed y unita ) o-oclleiv	TITLE Produc	tion Superv	visor	DATE	12-11-87	
	(This space for Federal or State office use)			The second secon			
	APPROVED BY	TITLE	· · · · · · · · · · · · · · · · · · ·		DATE		

Form 3160-5 November 1983) UNI D	STATES SU	BMIT IN TRIPLIC E	Budget Bureau No. 1004-0135 Expires August 31, 1985
Formerly 9–331) DEPARTMEN BUREAU OF LAN	THE INTERIOR	rse side)	5. LEASE DESIGNATION AND SERIAL NO. U-40751
SUNDRY NOTICES AN		FIIC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Do not use this form for proposals to drill or Use "APPLICATION FOR P			
1.			7. UNIT AGREEMENT NAME
OIL GAS WELL OTHER			
Yates Petroleum Corporatio	APR	10 1989	8. FARM OR LEASE NAME Cave Canyon
3. ADDRESS OF OPERATOR			9. WELL NO.
105 South 4th St., Artesia Location of Well (Report location clearly and in	, NM 88210 DIV	SION OF	1-33 10. PIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	accordance with any Office GA	O.G.Milding	Wildcat
535' FSL & 2025' FEL, S	ec. 33-T37S-R24E		11. SEC., T., E., M., OR BLE, AND SURVEY OR ARMA
			 5W/SE, Sec. 33-T37S-R24E
14. PERMIT NO.   15. ELEVATION	ons (Show whether DF, RT, GR, et		12. COUNTY OR PARISH 18. STATE
API #43-037-31276	5358' GR		San Juan Utah
16. Check Appropriate B	ox To Indicate Nature o	Notice, Report, or C	Other Data
NOTICE OF INTENTION TO:		SUBREQU	ENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER	CASING W	ATER SHUT-OFF	REPAIRING WELL
PRACTURE TREAT MULTIPLE COM		RACTURE TREATMENT	ALTERING CASING
BHOOT OR ACIDIZE ABANDON*  REPAIR WELL CHANGE PLANS	1	HOOTING OR ACIDIZING X Other) Perforate a	dditional holes X
(Other)	<u> </u>	(Note: Report results	of multiple completion on Well etion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clear proposed work. If well is directionally drilled, nent to this work.)*  12-15-87. Perforated Upper holes (2 SPF).	give subsurface locations and	measured and true vertica	i depths for all markers and zones perti-
12-16-87. Acidized perfora ball sealers. 12-21-87. Returned well to		h 1500 gals 20%	NEFE acid and 36
Note: Well producing from	all perforations:		iginal perforations) ditional perforations)
	•		
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is. I hereby certify that the foregoing is true and corr	<u> </u>		
SIGNED Lande Loo Me.	TITLE Producti	on Supervisor	DATE 1-7-88
(This space for Federal or State office use)			
APPROVED BY	TITLE		DATE





Page 1 of 1

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address	:				
DUNCAN, RAYMOND T.  1777 S HARRISON ST PHOENVER CO ATTN: SHIRLEY WILL	1 #1 80210			Utah Account No. — Report Period (Mont Amended Report	N0360 h/Year) <u>5</u> /89
Well Name	Producing	Dave	Production Volume		
API Number Entity Location		t i	Oil (BBL)	Gas (MSCF)	Water (BBL)
116-1 NAVAJO TRIBAL 4303715390 00545 418 25E 31	DSCR			Sus WOOT?	Water (DDL)
BRADFORD CANYON FEDERAL 1-23 4303730799 00547 375 24E 23	DSCR				
BRADFORD CANYON FEDERAL 1-23 4303730799 00547 378 24E 23	ISMY				
BRADFD CNYN FED 1-22 4303730850 00548 375 24E 22	ISMY				
WELLS FEDERAL #1 4303731028 09775 38S 24E 4	ISMY	·			
CAVE CANYON #3-1 -203731095 09775 38S 24E 3 -E CANYON #3-2	ISMY	,			
4303731120 09775 38S 24E 3	ISMY		•		
4303731413 09775 38S 24E 3	ISMY				
+303731414 09775 385 24E 4 Case Canyon #1-33	ISMY				
43-037-31271, 375 24E 33	Ismy		710-23-89 Enlity	Lange from 10667	to 9775 A. 74-89.
			Operator Change	from N7400 Yaks	to 9775 ett. 71-89. Petro-Lor
				<u> </u>	
	T	OTAL			
omments (attach separate sheet if neces	ssary)	* [	ive lanyon Second	ary Recovery (I	Esmay) Unit
		E-	H. 7-1-89. Raym	and Duncan is th	Emay) Unit Ellnit Openator.
	-				
have reviewed this report and certify the	information	to be	accurate and complete.	Date	
uthorized signature				Telephone	

# TOWNSHIP PLAT

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ock No. 45	340 Fo	restry St	ppliers.	Inc.,	Jackson,	Miss.				·			·		24	<u> </u>	L.,			<u> </u>		1			<u> </u>	L	L			

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Form 3160-5 (November 1983)		UNI D STAT		(Other	IN TRIPLY	re-	Budget B Expires	Yuğusı H. Y	98±10A
(Formerly 9-331)		MEN DF THE			e)	- 1	LEASE DESIG		ERIAL NO.
		U OF LAND MAN					IF INDIAN, A		RIBE NAME
SUNE	DRY NOT	ICES AND RE	PORTS	ON WELL	.S		•		
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1.				D) 5 (G)		7	UNIT AGREEM	ENT NAME	
MELL GAS WELL	OTHER			MU -			I/A		
2. NAME OF OPERATOR RAYMOND	T. Dunca:	n	غ	TOO EL	1 3 1989	The second second	cave Cany		
3 ADDRESS OF OPERATOR			<del></del>				WELL NO.		
		St. P-1 Denv					1-33		
4. LOCATION OF WELL (Re See also space 17 below	port location o	learly and in accorda	nce with an	y State Hegulicki	W MINING	1	). FIELD AND	POOL, OR WIL	DCAT
At surface							Cave Car		
SWSE T37S	P24F Sec	33				1,	1. SEC., T., R., SURVEY (	M., OR BLK. ANDR ARMA	ND
5N5E 1575	NZ4L DEC					1	Sec 33 5	r37S R24	E
14. PERMIT NO.		15. ELEVATIONS (Sh	ow whether i	OF, RT, GR, etc.)		1	2. COUNTY OR	PARISH 13.	STATE .
43-037-31276		5358' GL					San Juan	a	UT
16.	Charl A	ppropriate Box To	Indicate	Nature of No	tica Panari	- Oth	ar Data		
	TICE OF INTE			1	• •	•			
					•	- Caraca	r report of:		
TEST WATER SHUT-OF		PULL OR ALTER CASING	°		SHUT-OFF	_		AIRING WELL	
FRACTURE TREAT SHOOT OR ACIDIZE	1-1	MULTIPLE COMPLETE ABANDON*			RE TREATMENT NG OR ACIDIZII		•	REING CASING	
REPAIR WELL		CHANGE PLANS		(Other	Change (	of Ope	rator		
(Other)				g	NOTE: Report ompletion or I	results of	multiple com	pletion on W	eil
Raymond T.	Duncan	for the term as operator o					•	r our	
BLM bond #	WY0271.								
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18. I hereby certify that t	he foregoine	strue And correct	·						
	13.11		0	perations	Superint	endent		8/15/89	
SIGNED	A. Bett	Toge	TITLE				DATE _		4
(This space for Federa	or State of	ee use)		11.11	1			11	
APPROVED	mekad	ine	TITLE L	restrict	Man		DATE A	(L+ k	9
CONDITIONS OF API	PROVAL, IF	CONDATION OF U	e e e e e e e e e e e e e e e e e e e	The state of the s		185			
	1	JUINDITE ILLING	3 4.2 <b>2</b> EU		· FAC	コピレ	-	•	

\*See Instructions on Reverse Side

Form 3160-5
(November 1983)
(Formerly 9-331)

2. NAME OF OPERATOR

SW SE

14. PERMIT NO.

3. ADDRESS OF OPERATOR

See also space 17 below.) At surface

43-037-31276

GAS WELL

Raymond T. Duncan

OTRE

# UNITEDITATES

SUBMIT IN TRIPLICAT

DIVISION OF

horm approved. Budget Bureau No. 100 Expires August 31, 19

5. LEASE DESIGNATION AND BEI

04-0135 85	ممرا
RIAL NO.	12

<b>EPARTMENT</b>	GO THE	INTERIOR	verse aide)

BUREAU OF LAND MANAGEMENT

SUNDRY	<b>NOTICES</b>	AND	<b>REPORTS</b>	ON WELL	_S_
	_				234

(Do not use this form for proposals to drill or to deepen or pluge "APPLICATION FOR PERMIT—" for suc WELL X

1777 S. Harrison St., P-1, Denver, CO 802100L GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.

535 FSL & 2025 FEL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A

UTU 40751

7.	UNIT .	agreem ent	MAM
	Cave	e Canyo	n

8. FARM OR LEASE NAME Cave Canyon

9. WELL NO.

No. 1-33

10. FIELD AND POOL, OR WILDCAT Cave Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 33-T37S-R24E

UT

15. ELEVATIONS (Show whether DF. RT. GR. etc.) 12. COUNTY OR PARISH 18. STATE San Juan 5371' KB 5358 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO: PULL OR ALTER CASING TEST WATER SHUT-OFF MULTIPLE COMPLETE PRACTURE TREAT SHOOT OR ACIDIZE ABANDON\* CHANGE PLANS REPAIR WELL (Other) Dispose of Produced Waters

SUBSPOURNT REPORT OF: WATER SHUT-OFF REPAIRING WELL ALTERING CASING PRACTURE TREATMENT SHOOTING OR ACIDIZING ABANDONMENT<sup>®</sup> (Nors: Report results of multiple completion on Well Completion or Recompletion Beport and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

NTL-2B

Raymond T. Duncan requests your approval to dispose of produced waters from the above captioned well into Taos State SWD No. 25-34 or the Hay Hot Oil Disposal in Montezuma Crk. The disposal location will depend on the ability of either facility to handle

The Cave Canyon Federal No. 1-33 does not produce any water from the Ismay Fm (Depth: 5753-5841'). Because this well does not produce any water, a water analysis is not available. When this well begins producing water, an analysis will be provided to you.

Duncan proposes to store the produced water in a 200-bbl tank and then truck the water to either of the disposal facilities.

A copy of this sundry has been sent to the State of Utah Division of Oil, Gas and Mining for their approval.

Taos State SWD #25-34 SW SE Sec. 25-37S-25E San Juan County, UT

**APPROVED BY THE STATE** OF UTAH DIVISION OF **OIL. GAS.** AND MINING

OIL AND GAS RJE DRN .IRR GLH 1 SLS DTS

TEAU

18. I hereby certify that the foregoing is true and the ect SIGNED

TITLE Operations Superintende

<del>Decembe</del>r 5, 1989

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

MICROFILM & FILE

Federal Approval of this Action is Necessary

\*See Instructions on Reverse Side

#### **DUNCAN ENERGY COMPANY**

PENTHOUSE ONE

1777 SOUTH HARRISON STREET

DENVER, COLORADO 80210-3925

TELEPHONE (303) 759-3303

FAX (303) 757-0252

January 21, 1991

DECENVED
JAN 23 1991

DIVISION OF OIL, GAS & MINING

Bureau of Land Management P.O. Box 970 Moab, Utah 84532

#### Gentlemen:

Enclosed please find sundry notice for the change of operatorship from Raymond T. Duncan to Duncan Energy Company for the Cave Canyon Lease Waterflood.

If you require further data please contact Marie O'Keefe of this office.

Sincerely,

Marie O'Kerfe Marie O'Keefe

Engineering Technician

/mo

cc: State of Utah 3 Triad Center #350 Salt Lake City, UT 84180-1203

Etholive 6-21-90 per Marie O'Kerlezia Form 3160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

RURFAU OF LA	ND MANAGEMENT	5. Lease Designation and Serial No.
DOKEAO OF EA	MANAGEMENT	
SUNDRY NOTICES A	ND REPORTS ON WELLS	UTU40751
	or to deepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
Use "APPLICATION FOR I	PERMIT—" for propagation of the control of the cont	NA NA
SURMIT II	N TRIPLICATE	7. If Unit or CA, Agreement Designation
	16.14	Cave Canyon Lease
1. Type of Well For Oil Gas G	JAN 23 1991 C	Waterflood
Well Well Other		8. Well Name and No.
2. Name of Operator	DIVISION OF	Cave Canyon Fed. 1-33
Raymond T. Duncan	C'L GAS & WINING	9. API Well No.
3. Address and Telephone No.		43-037-31276
# 1777_S. Harrison St.±P-1 Denve	er, CO≩80210 303-759-3303 ₹ 15-	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Descr	ription)	Cave Canyon Ismay
A CONTROL OF THE STATE OF THE ST THE STATE OF THE STATE		11. County or Parish, State
T37S R24E Sec 33 SWSE		San Juan, UT
		,
2. CHECK APPROPRIATE BOX(s)	TO INDICATE NATURE OF NOTICE, REPOR	RT OR OTHER DATA
- OTIEGRATITION TIATE BOX(0)	- TO INDIOATE HATOILE OF HOTIOE, HEL OF	TI, OII OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
X Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
Subsequent Report	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
L.J Pinat Abandoninciit Notice	Other Change of Operator	Dispose Water
	Change of Operator	(Note: Report results of multiple completion on Well
		Completion or Recompletion Report and Log form.)
<ol> <li>Describe Proposed or Completed Operations (Clearly state all period give subsurface locations and measured and true vertical)</li> </ol>	ertinent details, and give pertinent dates, including estimated date of starting depths for all markers and zones pertinent to this work.)*	any proposed work. If well is directionally drilled
CONTRACTOR TO THE CONTRACTOR OF THE CONTRACTOR O		
	•	<b>y</b>

Raymond T. Duncan was the previous operator of the referenced well. Duncan Energy Company is now the operator of record. Offices, personnel and all operations will continue to be the same for Duncan Energy Company as they were for Raymond T. Duncan. Duncan Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands. This referenced well is in the Cave Canyon Lease Waterflood.

cc: State of Utah

14. I hereby certify that the foregoing is true and correct Signed Jallari	тые Production Manager	Date January 21, 1991
(This space for Federal or State office use)		
Approved byConditions of approval, if any:	Title	Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.

5. Lease Designation and Serial No. U-47876

FORM APPROVED

SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir Use "APPLICATION FOR PERMIT—" for such propess 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE Cave Canyon Lease Waterflood 1. Type of Well Oil Well Gas Well See Below 8. Well Name and No. Other 2. Name of Operator See Below DIVISION OF CIL. GAS & WINING 9. API Well No. Raymond T. Duncan 3. Address and Telephone No. See Below 1777 S. Harrison St. P-1 Denver, CO. 10 Field and Pool, or Exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) -Cave Canyon Ismay 11. County or Parish, State See Below San Juan, Utah CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion **New Construction** Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other Change of Operator Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* Raymond T. Duncan was the previous operator of the Cave Canyon Lease Waterflood. Energy Company is now the operator of record for the Cave Canyon Lease Waterflood. personnel and all operations will continue to be the same for Duncan Energy Company as they were for Raymond T. Duncan. Duncan Energy Co. is responsible under the terms and conditions of the lease for operations conducted on the leased lands.
WELL NAME LOCATION WELL STA LOCATION WELL STATUS Cave Canyon 3-2 T38S R24E NESW Producing Oil Well 43-037-31120 Cave Canyon 4-3 NENE 43-037-31414 Cave Canyon 3-3 SENW Shut in Oil Well 43-037-31413 Wells Federal 1-4 NENE Producing Oil Well 43-037-31028 Cave Canyon 3-1 3 SWNW Water Injection Well 43-037-31095 1-Cave-Canyon-WSW---NESW Water Supply Well 43-037-99998a 11 Cave Canyon 4-4 4 NENE Producing Oil Well 43-037-31539 11 " Cave Canyon 12-3 SWNW Completing Oil Well 43-037-31567 Cave Canyon 13-3 NWSW Approved Drlg Location -037-31570 Cave Canyon 3-4 MMMM 43-037-31542 43-037-31541 Cave Canyon 3-5 NWSE 14. I hereby certify that the foregoing is true and correct <sub>Title</sub> Production Manager Date January 21, 1991 (This space for Federal or State office use) Date Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Division of 0il, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

	Well File	(Return Date) _ (To - Initials)	**XXOther OPERATOR CHANG FILE.
1.	Date of Phone Call: 1-28-91	Time: _	10:00
2.	DOGM Employee (name) Less Talked to:	OMERO	(Initiated Call XX)
	Name MARIE O'KEEFE	_ (Initiated Call []) -	Phone No. (303)759-3303
	of (Company/Organization)	ICAN ENERGY COMPANY/N	3370
3.	Topic of Conversation: EFFECTIVE	E DATE OF OPERATOR C	HANGE
4.	Highlights of Conversation:EFFE	CTIVE DATE 6-21-90,	ALSO NO DOCUMENTATION
	The second secon		
	REQUIRED FROM RAYMOND T. DUNCAN ONE IN THE SAME COMPANY).		and the Control of th
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# State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340

January 30, 1991

Duncan Energy Company
PH 1, 1777-S. Harrison St.
Denver, Colorado 80210

Gentlemen:

RE: <u>Transfer of Authority to Inject - Cave Canyon #3-1 Well, Sec. 3, T. 38S, R. 24E - San Juan County, Utah</u>

The Division has received a request of operator change for the Cave Canyon #3-1 Well, from Raymond T. Duncan to Duncan Energy Company.

Please complete and return to our office the enclosed UIC Form 5, as required by R615-8-21 of the Oil and Gas Conservation General Rules.

If I can be of assistance, please contact me at (801)538-5340.

Sincerely,

Gil Hunt UIC Manager

lr Enclosure

Division of Oil, Gas and Mining OPERATOR CHANGE HORKSHEET	(PAGE 2)	Routing:
Attach all documentation received by the division r Initial each listed item when completed. Write N/A		2- 3-
☑xChange of Operator (well sold)  ☐ Designation of Operator	□ Designation of Agent □ Operator Name Change Only	5- 6-
The operator of the well(s) listed below	has changed (EFFECTIVE DATE:	>
TO (new operator) DUNCAN ENERGY COMPANY (address)	FROM (former operator) DUNCAN, RA	AYMOND T.
phone ( ) account no. <u>N 3370</u>	phone ( account no	) ) <u>N</u> 0360
Well(s) (attach additional page if needed):	in and a faile and the second and t The second and the second and	
Name: CAVE CANYON FED 13-3/DRAPI: 43037315 Name: CAVE CYN FED 3-4/DRL	542       Entity: 99999       Sec 3 Twp 38\$Rng 24E         541       Entity: 99999       Sec 3 Twp 38\$Rng 24E         276 (%) Entity: 9775       Sec 33 Twp 37\$Rng 24E         SYS) Entity: Sec 3 Twp 88\$Rng 24E         Entity: Sec 3 Twp Rng	Lease Type: U-4/8/6 Lease Type: U-40751 Lease Type: U-47876 Lease Type:
OPERATOR CHANGE DOCUMENTATION		
1. (Rule R615-8-10) Sundry or other operator (Attach to this form).	r <u>legal</u> documentation has been recei	ved from <u>former</u>
2. (Rule R615-8-10) Sundry or other I (Attach to this form).	legal documentation has been received f	rom <u>new</u> operator
3. The Department of Commerce has been operating any wells in Utah. Is yes, show company file number:	en contacted if the new operator above company registered with the state? (ye	is not currently es/no) If
comments section of this form.	HLY) The BLM has been contacted regard Form to this report). Make note of Management review of Federal and India completion of steps 5 through 9 below.	BLM status in
5. Changes have been entered in the ( listed above.	Oil and Gas Information System (Wang/IB	M) for each well
6. Cardex file has been updated for e	each well listed above.	
7. Well file labels have been updated	for each well listed above.	
8. Changes have been included on the for distribution to State Lands an	monthly "Operator, Address, and Account the Tax Commission.	nt Changes" memo
9. A folder has been set up for the placed there for reference during	Operator Change file, and a copy of the routing and processing of the original	is page has been documents.

ATOR CHANGE MCRKSHEET (CONTINUED) Initime when completed Write N/A: Lengts not applicable.
ITY REVIEW
<ol> <li>(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).</li> </ol>
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.
VERIFICATION (Fee wells only)
1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
<ol> <li>A copy of this form has been placed in the new and former operators' bond files.</li> <li>The former operator has requested a release of liability from their bond (yes/no)         Today's date 19 If yes, division response was made by letter dated 19</li> </ol>
SE INTEREST OWNER NOTIFICATION RESPONSIBILITY
1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.
†ING
1. All attachments to this form have been microfilmed. Date:
TNG
1. Copies of all attachments to this form have been filed in each well file.
<ol> <li>The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.</li> </ol>
1ENTS
/34. 35

	of Oil, Gas and Mining OR CHΛNGE HORKSHEET		i das ami Singli i da	Minding Grill (1987)		Routing:	
	ll documentation received by the division each listed item when completed. Write N/		•	le.	·	2- DFS 77 3- VLC 4- RJF	
	ge of Operator (well sold) gnation of Operator	□ Designa □ Operato				5- RWM 6- LCR Vie	
The ope	erator of the well(s) listed below	has change	d (EFFECT	IVE DATE:	6-21-90	)	
TO (nev	operator) DUNCAN ENERGY COMPANY (address) PH 1, 1777 S. HARRISON DENVER, CO 80210	FROM		(address)	DUNCAN, RAY 1777 S. HAR DENVER, CO	RISON ST.,	PH 1
	phone <u>(303) 759-3303</u> account no. <u>N</u> 3370		4 47		phone <u>( 303</u> account no.		
Hell(s)	) (attach additional page if needed):	· · · · · · · · · · · · · · · · · · ·			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Name:	CAVE CANYON #3-2/ISMY API: 430373 CAVE CYN FED 4-3/ISMY API: 430373 CAVE CYN FED 3-3/ISMY API: 430373 WELLS FED #1/ISMY API: 430373 CAVE CANYON #3-1/ISMY API: 430373 CAVE CANYON FED 4-4/ISMXPI: 430373 CAVE CANYON FED 12-3/DRAPI: 430373	1414 Entit 1413 Entit 1028 Entit 1095 Entit 1539 Entit	y: 9775 y: 9775 y: 9775 y: 9775 y: 9775 y: 9775 y: 9775	Sec_4_Twp Sec_3_Twp Sec_4_Twp OSec_3_Twp Sec_4_Twp	38SRng24E L 38SRng24E L 38SRng24E L 38SRng24E L 38SRng24E L 38SRng24E L 38SRng24E L	ease Type: <u>U</u> ease Type: <u>U</u> ease Type: <u>U</u> ease Type: <del>U</del> ease Type: <del>U</del>	-47876 -47876 -47876 -47876 -47876
OPERAT(	OR CHANGE DOCUMENTATION						
	(Rule R615-8-10) Sundry or other operator (Attach to this form).	1. 1-23-91)		Armand Chi	ls formule		
for 2.	(Rule R615-8-10) Sundry or other (Attach to this form). (Rec. 1-23-91)	<u>legal</u> docum	nentation	has been	received fro	om <u>new</u> opera	ator
fer 3.	The Department of Commerce has be operating any wells in Utah. Is	en contacte company re	d if the	new opera with the	tor above is	not curre	ntly If
	yes, show company file number: #  (For Indian and Federal Hells Contact Telephone Documentation comments section of this form. changes should take place prior to the state of		~ .			•	
11	Changes have been entered in the listed above. $(i-3i-9i)$				m (Wang/IBM	) for each	well
<u>lef</u> 6.	Cardex file has been updated for	each well l	isted abov	ve.			
4	Well file labels have been update						
<b>\</b>	Changes have been included on th for distribution to State Lands a	e monthly " nd the Tax	Operator, Commissio	Address, n.	and Account	t Changes" ı	memo
fer 9.	A folder has been set up for the placed there for reference during	Operator C routing an	hange fil d process	e, and a o ing of the	copy of this original d	s page has l ocuments.	been <sup>-</sup>

STATE OF DIVISION		GAS ANI	MINING
ENTITY	ACTION	FORM	- FORM 6

OPERATOR	DUNCAN	ENERGY	COMPANY		OPERATOR	ACCT
ADDRESS _						·.
•						

				·						<del>_</del>		
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL N	IAME	QQ	SC	WELL I	OCATION RG	COUNTY	SPUD DATE	EFFECTIVE DATE
D	9775	11381	43-037-31276	CAVE CANYON	#1-33	SWSE	33	37S	24E	SAN JUAN	10-2-86	11-17-86
WELL 1 C		OPERATOR 1	FR OTHER WELLS	ISSION-THIS WELL LISTED UNDER ENT OMPLETION. ENTITY	CITY 9775 "C	AVE CANYON	UNIT	/ISMY	P.A."	IT SHOULD H	AVE IT'S O	A DIFFEREN WN ENTITY
										_		
WELL 2 C	OMMENTS:											·
			·			·						
WELL 3 C	OMMENTS:		· · · · · · · · · · · · · · · · · · ·									
WELL 4 C	COMMENTS:					,						
				·								
WELL 5 C	OMMENTS:					·						
ACTION C	ODES (See	instructions	on back of form)	nale well anly)						L. ROMERO	(DOGM)	

A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existing entity
D - Re-assign well from one existing entity to a new entity
E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature ADMIN. ANALYST 7-27-92 Title Phone No. (

. NO. \_N 3370

(3/89)

FORM 3160-5 (Jyne 1990)

## OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APPR	OVED
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Budget Bureau No. 1004-0135 Expires: March 31, 1993
e Designation and Serial No. -47876

5. Lease SUNDRY NOTICES AND REPORTS ON WELLS II-Do not use this form for proposals to drill or to deepen or reentry a different reservoir. 6. If Indian, Allottee or Tribe Name Use "APPLICATION FOR PERMIT -" for such proposals N/A 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE Cave Canyon Lease 1. Type of Well Waterflood Oil Gas 8. Well Name and No. Well Well Other Cave Canyon 4-5 2. Name of Operator 9. API Well No 43-037-31695 **Duncan Energy Company** 10. Field and Pool, or Exploratory Area 3. Address and Telephone No. DIVISION OF Cave Canyon-Ismay 1777 S. Harrison St. P-1 Denver, CO 80210 (148.21) 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 11. County or Parish, State 50' FNL & 800' FEL NWNE (303)759-3303 San Juan, UT 4-38S-24E CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12 TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturig Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Off lease storage & measurement Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Duncan Energy requests your approval for off lease storage and measurement from the Cave Canyon 4-5 (lease U-47876) to the tank battery at the Cave Canyon 1-33 (lease U-40751). Duncan proposes to lay approximately 600' of 2-1/2" buried steel flowline from the 4-5 well north to the #1-33 well as shown on the attached map. The production from the 4-5 and 1-33 will be commingled at the tank battery located at the #1-33. All Cave Canyon wells are operated under the State approved Cave Canyon Lease Waterflood Unit and therefore have common working interest and overriding interest. The two federal leases within the unit have the same royalty rate. Monthly well tests will be done to allocate oil, gas and water production.

Duncan would like to begin installation of the flowline upon approval of this sundry.

4. I hereby certify that the foregoing is true and correct			
Signed Chis speed or State office use)	Title Operations Manager	Date	05/07/93
Approved by  Conditions of approval, if any:	Title	Date	
Title 18 U.S.C. Section 1001, makes it a crime for any person knowin statements or representations as to any mater within its jurisdiction.	ngly and willfully to make to any department or agency of the	e United States andy false, fic	itious or fraudulent

4	
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Route original/copy to:  xxx Well File  CAVE CANYON #1-33  (Location) Sec 33 Twp 37S Rng 24I  (API No.) 43-037-31276	[] Suspense (Return Date) (To - Initials)	[] Other
1. Date of Phone Call: 6-01-93	- Time: <u>1</u>	0:03
2. DOGM Employee (name)L Talked to:	. CORDOVA	(Initiated Call XXX
Name JOHN BETTRIDGE	(Initiated Call []) -	Phone No. (303)759-3303
of (Company/Organization)	N3370/DUNCAN ENERGY CO	MPANY
3. Topic of Conversation:		
ENTITY NUMBER ASSIGNED TO THE O	CAVE CANYON #1-33/11381,	ASSIGNED ON 7-27-92.
4. Highlights of Conversation:		
MR. BETTRIDGE IS REQUESTING AT	THIS TIME THAT THE ENTI	TY NUMBER ASSIGNED TO
THE CAVE CANYON #1-33 WELL BE (	CHANGED TO ENTITY 9775.	ENTITY 9775 IS ASSIGNED T
ALL OTHER WELLS INVOLVED IN TH	E CAVE CANYON WATERFLOOI	UNIT. ALL WELLS HAVE
COMMON WORKING INTEREST & OVERI	RIDING INTEREST & THE SA	AME ROYALTY RATE.
		· · · · · · · · · · · · · · · · · · ·
		· · · · · · · · · · · · · · · · · · ·
	• .	

FNTTTY	ACTION	FUDM	EUDM 6

OPERATOR	DUNCAN	ENERGY	COMPANY	OPERATOR	ACCT. NO.	N 3370
ADDRESS						

	r	·									
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	WELL	LOCATIO RG	COUNTY	SPUD DATE	EFFECTIVE DATE
C	11381	9775	43-037-31276	CAVE CANYON #1-33	SWSE	33	378	24E	SAN JUAN	10-2-86	6-2-93
ÆLL 1 C	OMMENTS: *(	CAVE CANYO	ON WATERFLOOD I ER OPERATOR REG	UNIT(COMMON WORKING INTE QUEST & DOGM REVIEW ON 6	REST & OVER	RIDIN	G INT	EREST	& SAME ROYA	LTY RATE).	:
											1.
ELL 2 C	OMMENTS:	<u> </u>		·	I	!	<u>!</u>	!	!	<u></u>	<u> </u>
ELL 3 C	DMMENTS:							<u>-</u> -			
i			,								
ÆLL 4 CI	OMMENTS:										T
IELL 5 CO	PMMENTS:			~						Ŋ	-"
A - B - C - D -	- Establish - Add new we - Re-assign - Re-assign	new entity ell to exist well from o well from o	on back of form) for new well (sing ing entity (group ne existing entity ne existing entity ments section)	or unit well) to another existing entity					L. CORDO Signature ADMIN. A	VA (DOGM)	6-2-
OTE: Us	e COMMENT s	ection to e	xplain why each Ac	tion Code was selected.					Phone No. (		· · ·

06/02/93 DETAIL WELL DATA menu: opt 00 prod zone: ISMY sec api num: 4303731695 twnshp range entity: 9775 : CAVE CYN U/ISMY 4 38.0 S 24.0 E NWNE

well name: CAVE CANYON FEDERAL 4-5

operator: N3370 : DUNCAN ENERGY COMPANY meridian: S

field: 323 : CAVE CANYON

confidential flag: C confidential expires: 940506 alt addr flag:

\* \* \* application to drill, deepen, or plug back \* \* \*

lease number: U-47876 lease type: 1 well type: OW

surface loc: 0050 FNL 1800 FEL unit name:

prod zone loc: 0050 FNL 1800 FEL depth: 5980 proposed zone:

elevation: 5385' KB apd date: 921019 auth code: R649-3-3

\* \* \* completion report information \* \* \* date recd: 930423 spud date: 921122 compl date: 930406 total depth: 5980'

producing intervals: 5770-5853'

bottom hole: 0050 FNL 1800 FEL first prod: 930407 well status: POW 24hr oil: 125 24hr gas: 88 24hr water: 25 gas/oil ratio: 700

\* \* well comments: api gravity: 43.00

921207 ENTITY ADDED:

opt: 21 api: 4303731695 zone: ISMY date(yymm): enty 11381 acct:

DETAIL 06/02/93 WELL DATA menu: opt 00 range api num: 4303731276 prod zone: ISMY sec twnshp ar-ar 33 9775 : CAVE CYN U/ISMY 37.0 S 24.0 E SWSE

well name: CAVE CANYON #1-33

operator: N3370 : DUNCAN ENERGY COMPANY meridian: S

field: 323 : CAVE CANYON

confidential flag: confidential expires: alt addr flag:

\* \* \* application to drill, deepen, or plug back \* \* \*

lease number: U-40751 lease type: 1 well type: OW

surface loc: 0535 FSL 2025 FEL unit name:

prod zone loc: 0535 FSL 2025 FEL depth: 6190 proposed zone: AKAH

elevation: 5358' GR apd date: 860908 auth code: R302

\* \* \* completion report information \* \* \* date recd: 861201
spud date: 861002 compl date: 861117 total depth: 6085'

producing intervals: 5804-41',\*5753-74'

bottom hole: 0535 FSL 2025 FEL first prod: 861023 well status: POW 24hr oil: 265 24hr gas: 750 24hr water: gas/oil ratio: 2830

\* \* well comments: api gravity: 41.00 870122 ENTITY ADDED:870901 CONF STAT EXP:890425 \*ADDL PERFS 12-21-87:891023

OPER FR N7400 EFF 7/89; ENTITY FR 10667:910131 OPER FR N0360 EFF 6/90:920727 ENTITY FR 9775 EFF 11/86:930602 ENTITY FR 11381:

opt: 21 api: 4303731276 zone: ISMY date(yymm): enty 11381 acct:

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L	11.11	1	7	100		<u>w</u>

JUL 17 1995s. lease Designation and Serial Number:

	010 20/31	
SUNDRY NOTICES AND REPORTS ON	VELLS OF OIL, GAS & MINING Ottee or Tribe Name:	
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter pl		
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such	h proposais.	
1. Type of Well:	8. Well Name and Number:	
OIL X GAS OTHER:	Cave Canyon Federal 1-33	
2. Name of Operator:	9. API Well Number:	
Giant Exploration & Production Company	43-037-31276	
3. Address and Telephone Number:	10. Field and Pool, or Wildcat:	
P.O. Box 2810, Farmington, New Mexico 87499 (505)326-3	3325 Cave Canyon	
4. Location of Well:		
Footages: 535' FSL, 2025' FEL	County: San Juan	
QQ, Sec., T.,R.,M.: SW/4, SE/4, Sec. 33, T37S, R24E	State: Utah	
11. CHECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT, OR OTHER DATA	
NOTICE OF INTENT	SUBSEQUENT REPORT	
(Submit in Duplicate)	(Submit Original Form Only)	
Abandonment New Construction	Abandonment * New Construction	
Casing Repair Pull or Alter Casing	Casing Repair Pull or Alter Casing	
Change of Plans Recompletion	Change of Plans Shoot or Acidize	
Conversion to Injection Shoot or Acidize	Conversion to Injection Vent or Flare	
Fracture Treat Vent or Flare	Fracture Treat Water Shut-Off	
Multiple Completion Water Shut-Off	X Other Change of Operator	
Other		
	Date of work completion	÷
Approximate date work will start	Report results of Multiple Completions and Recompletions to different reservoirs on W COMPLETION OR RECOMPLETION AND LOG form.	√ELL
	* Must be accompanied by a cement verification report.	
12 DESCRIBE DROPOSED OR COMPLETED OPERATIONS (Clearly state all partitions details are	Id give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true	
vertical depths for all markers and zones pertinent to this work.)	to give permient dates. If well is directionally diffied, give subsurface locations and measured and true	
Giant Exploration & Production Company purchased the above	ve mentioned well from Duncan Energy Company effective 06-23-95	<b>ί.</b>
	, , , , , , , , , , , , , , , , , , ,	

13.	A							
	<b>11</b>							
Name & Signature Jeffrey R. Vaughan		Title:	Vice President/Operations	Date:	JUL	1 4	l 1999	5
		·						

Form 3160-5				FORM APPROVED		
(June 1990)				Budget Bureau No. 1004-0	135	
	UNITED STA	TEC	5.1	Expires: March 31, 1993  ease Designation and Serial	kY_	
DEPAR		UTU40751	NO.			
BUREA	·111. ~ 6. I	f Indian, Allottee or Tribe Na	me			
SUNDRY NO	BUREAU OF LAND MANAGEMENT 5 JUL 13 1111: 31					
Do not use this form for propo	sals to drill or to de	epen or reentry to a different reservoir	, 7. I	f Unit or CA. Agreement Des	ignation	
		IT" for such proposals				
	MIT IN TRIPLICAT	<u>re</u>				
1. Type of Well Oil Well Gas Well Other				Well Name and No.		
2. Name of Operator			9. A	API Well No.	·-··	
Giant Exploration & Produc	tion Company					
3. Address and Telephone No.			10.	Field and Pool, or Explorator	y Area	
P.O. Box 2810, Farmington,				Cave Canyon		
4. Location of Well (Footage, Sec., T.,	R., M., or Survey D	escription)	11.	County or Parish, State		
12 CHECK A BONOBBLATE DOV	(-) TO INDICATE	NATURE OF NOTICE PEROPE	OD OTHER B	San Juan, Utah		
12. CHECK APPROPRIATE BOX	(S) TO INDICATE	NATURE OF NOTICE, REPORT, O		AIA		
TITO OF BODINGS		Abandonment		inge of Plans		
Notice of Intent	-	Recompletion		w Construction		
<del></del>		Plugging Back	Nor	n-Routine Fracturing		
Subsequent Report		Casing Repair	Wat	ter Shut-Off		
		Altering Casing	Con	version to Injection		
Final Abandonment Notice		Other Change of Operator	(Note: Rep	ort results of multiple complon or Recompletion Report ar	etion on Well	
13. Describe Proposed or Completed Op	erations (Clearly sta	ate all pertinent dates, including estima	ated date of star	rting any proposed work. If w	vell is	
		ured and true vertical depths for all ma				
	_	y purchased the above mentioned	d lease from	Duncan Energy Compar	ny	
effective 06-23-95. Gian	it's bond number	is SLR 111 3289 3097.				
Listed below is the nurch	aced well and A	PI # for Lease Number UTU407:	51.			
Cave Canyon Federal 1-3			51; 1	060		
Cave Carlyon rederar 1-2	55 - At 1 # +5=05	7-31210		JUL 25 199		
			1.			
•			17	DIV. OF OIL, GAS &	MINING	
14. I hereby certify that the foregoing is	s true and correct					
Signed		itle Vice President/Operations	Date	JUL 1 4 1995	<b>b</b>	
Jeffrey R. Vaughan						
(This space for Federal or State of	fice use)		······································			
Approved by		itle <b>Associate District Ma</b>	anaget <sub>te</sub>			
Conditions of aproval, if any:	<del></del>					
•	CONDI	TIONS OF APPROVAL	ATTACE	コロン		
Title 18 U.S.C. Section 1001, makes it a	crime for any person	n knowingly and willfully to make to a	ny department	or agency of the United State	es any false,	
fictious or fraudulent statements or repres	sentations as to any	maner within its jurisdiction.	· -	· · · · · · · · · · · · · · · ·	- ,	

Giant Exploration & Production Company Well No. Cave Canyon Federal 1-33 SWSE Sec. 33, T. 37 S., R. 24 E. San Juan County, Utah Lease UTU40751

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Giant Exploration & Production Company is considered to be the operator of the above wells and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by NM1759 (Principal - Giant Exploration & Production Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

4-95; 16:04; DUNCAN ENER

801 359 3940;# 5/ 5

(Other)

 $\cdots \geqslant$ 

OIL & GAS CONSERVATION COMMISSION Verue aide)	UTU40751			
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	6, IF INDIAN, ALLOTTER	AN BRIEF RO		
OIL GAR WELL OTHER	T, URIT AGREEMENT NA	M.B		
2. NAME OF OPERATOR	8. FARM OR LEASE HAM	in .		
Duncan Energy Compatty				
S. ADDRESS OF OFERATOR	9. WELL NO.	9. WELL NO.		
1777 South Harrison Street, P-1, Denver, CO 80210				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)  At antiaco	Cave Canyon			
V: Satisco				
See Below	11. ESC., T., S., M., OR S SURVEY OR ASEA	LE, AND		
See Below	II. EBC. T. B. M., OR B SURVEY OR ARRA			
See Below	11. esc., T., S., M., OR B			
See Below	11. esc. T. R. M., OR B EUEVWY OR ARRA 12. COUNTY OR PARISE San Juan	18. STATE		
See Below  16. PERMIT NO.  15. REPURTIONS (Show whether SP, ST, OK, etc.)  Check Appropriate Box To Indicate Nature of Notice, Report, or	11. esc. T. R. M., OR B EUEVWY OR ARRA 12. COUNTY OR PARISE San Juan	18. STATE		
See Below  14. PERMIT NO.  15. REPARTIONS (Show whether BF, RT, OK, etc.)  14. Check Appropriate Box To Indicate Nature of Notice, Report, or MOTICE OF INTENZION TO:  SUBSECTION OF INTENZION TO:	11. EBC., T., R., M., OR B EURYNY OR ARRA 12. COUPTY OR PARIER San Juan Other Data QUENT REPORT OF:	18. erare Ut:		
See Below  14. PERMIT NO.  15. REPVATIONS (Show whether DF, RT, OR, etc.)  14. Check Appropriate Box To Indicate Nature of Notice, Report, or NOTICE OF INTEREZION TO;  THEST WATER SHUT-OFF  PULL OR ALTER CASINO  WATER SHUT-OFF	11. EBC., T., R., M., OR BE EURYNY OR ARRA  12. COUPTY OF PARISH  San Juan  Other Data  QUANT REPORT OF:  REPAIRING W	18. STATE Ut:		
See Below  14. PERMIT NO.  15. REPARTIONS (Show whether BF, RT, OK, etc.)  14. Check Appropriate Box To Indicate Nature of Notice, Report, or MOTICE OF INTENZION TO:  SUBSECTION OF INTENZION TO:	11. EBC., T., R., M., OR B EURYNY OR ARRA 12. COUPTY OR PARIER San Juan Other Data QUENT REPORT OF:	18. STATE Ut:		

(Norm: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRISE PROPOSED OR CONFLETED OPERATIONS (Clearly state all pertinent details, and give pertinent detes, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and somes pertinent to this work.).

Effective 6-23-95, Giant Exploration & Production Company has taken over operations of the above-mentioned lease. Listed below is the purchased well and API # for Lease Number UTU40751:

Cave Canyon Federal 1-33 - API #43-037-31276, Sec. 33-T37S-R24E

1021		1 -
18. I hereby certify that the foregoing to true and core	ect	***************************************
SIGNED Van Z. dicence	Sr. Production Engineer	DATE 8 495
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

	n of Oil, Gas FOR CHANGE F							Rout /ng:
			y the division re eted. Write N/A			ble.		2-LWP 7-PL 3-DP3-8-SJ 4-VL9-9-FILE
	nge of Opera ignation of	ator (well s Operator	old)	□ Designat □ Operator			,	5-RJF 6-LWP
The op	perator of t	he well(s)	listed below	has changed	(EFFEC	TIVE DATE:	6-23-95	)
TO (ne	•	GIANT EXPLO PO BOX 2810 FARMINGTON		FROM (	(former			GY COMPANY ISON ST PH #1 80210
		phone ( <b>50</b> 5 account no		<del></del>			phone (303 account no.	
Hell(s	) (attach add	itional page if	needed): <b>(CA</b> V	TW ZE CANYON SE	CONDARY	RECOVERY	UNIT)	
Name: Name: Name: Name: Name:	CAVE CANYON	3-1/ISMY 3-2/ISMY 3-3/ISMY FED 4-3/IS FED 4-4/IS	API: 43-037-31 API: 43-037-31 API: 43-037-31 API: 43-037-31 API: 43-037-31 API: 43-037-31	120 Entity: 120 Entity: 1413 Entity: 1414 Entity: 1539 Entity:	9775 9775 9775 9775 9775	Sec_3 Twp Sec_3 Twp Sec_3 Twp Sec_4 Twp Sec_4 Twp	5385Rng24E L 5385Rng24E L 5385Rng24E L 5385Rng24E L 5385Rng24E L	ease Type: U407 ease Type: U478
1	(Rule R615 operator (/	Attaen to th	Iry or other is form). (fg.	4-18-95/C kej.	1-16-15/(	kee'd 8-4-	15)	d from <u>former</u> om <u>new</u> operator
N/A 3.	The Departmoperating	this form). ment of Comm any wells i	(kd/1/17-95) erce has beer	contacted	if the	new opera	tor above is	not currently /no) If
<u>Le</u> 4.	comments so	repnone voc ection of t	umentation +	orm to thi anagement re	s repo eview o	rt). Make of <b>Federal</b>	e note of and Indian	ng this change BLM status in well operator
<u>ic</u> 5.	-	ve been ente ve. <i>(8-8-95</i> )	red in the Oi	l and Gas I	nformat	tion System	m (Wang/IBM)	for each well
wp6.	Cardex file	has been u	odated for ea	ch well list	ted abo	ve. 8-14-9	<b>F</b>	
<b>10</b> 7.	Well file l	abels have	been updated	for each wel	II list	ed above.	2-14-9-	
/	tor distrib	ution to Sta	ate Lands and	the Tax Con	nmissio	n. 18-8-91	5)	Changes" memo
<u>L</u> C 9.	A folder ha placed ther	s been set e for refer	up for the O	perator Char outing and p	nge fil	e, and a c ing of the	copy of this original do	page has been cuments.

OPERATOR	R CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.	•
ENTITY	REVIEW	
Lie1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed about the changes made? (yes/no) (If entity assignments were changed, attach Form 6, Entity Action Form).	ve. Were <u>copies</u> of
N/A 2.	State Lands and the Tax Commission have been notified through normal proceentity changes.	dures of
BOND VE	ERIFICATION (Fee wells only)	
NA j.	(Rule $R615-3-1$ ) The new operator of any fee lease well listed above has fur proper bond.	nished a
2.	A copy of this form has been placed in the new and former operators' bond files.	
3.	The former operator has requested a release of liability from their bond (yes/Today's date 19 If yes, division response was made b dated 19	/no) y letter
LEASE I	NTEREST OWNER NOTIFICATION RESPONSIBILITY	
1	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above notified by letter dated 19, of their responsibility to no person with an interest in such lease of the change of operator. Documentation notification has been requested.	has been otify any of such
	Copies of documents have been sent to State Lands for changes involving State lea	1ses.
FILMING		
1.	All attachments to this form have been microfilmed. Date: Quyust 21	19 <u>95</u> .
FILING		
1. <u>(</u>	Copies of all attachments to this form have been filed in each well file.	ing a single of the single of
2.	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Change file.	Operator
COMMENTS	S	
95071	8 Reg. "UIC F5" (Red 7-31-95)	
95072	8 Reg. "UIC F5" (Red 7-31-95) 25 Blm (Moab apr. ef. 6-23-95.	*:
		<u>.</u>
•		

WE71/34-35

12/93)

# STATE OF UTAH DIVISION OF OIL, GAS AND MINING 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 2 of 2

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:	· · · · · · · · · · · · · · · · · · ·	1	UTA	H ACCOUNT NUMBI	er: N0075			
DIANE G JARAMILLO GIANT EXPLOR & PROD CO PO BOX 2810			report period (month/year): 8 / 96					
FARMINGTON NM 87499			AME	NDED REPORT (	Highlight Change	s)		
Well Name	Producing	Well	Days		Production Volumes			
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)		
<b>CAVE≒CANYON™3™2</b> 7 ° 4303731120 09775 385 24E 3	ISMY			N47876	Care Cyn Unit	WATER(BBE)		
CAVE CANYON 333' 4303731276 09775 375 24E 33	ISMY			11.40751	11			
CAVE CANYON 3-3:4  4303731413 09775 385 24E 3  CAVE CANYON SEED 4-3:	ISMY		7:	u 47876	ii			
4303731414 09775 385 24E 4 CAVE CANYON HED 4-4	ISMY			a	IĮ.			
4303731539 09775 385 24E 4 CAVE CANYON EEDERAL 12-3	ISMY		ļ	11	1/	,		
4303731567 09775 385 24E 3 2AVE CANYON EEDERAL: 4-5	ISMY			u	11			
\$>\d3731695 \ 09775 \ 385 \ 24E \ 4 CAVE CANYON\$\$\$\$?'	ISMY			ü	l(			
4303731766 09775 38S 24E 3 GAGE FOSTER #1?	ISMY	t <sub>q</sub>		11	4			
4303731463 10991 375 23E 32 HATCH <b>201NT #1</b> √	DSCR			ML43698				
4303731658 11356 295 21E 14 Godhic Music 16-11	LDLL	,		161791	M	7.		
45-037-15042 10008 415 23E 16 Cave Cangon 3-11	DSCR	/WIW		1420602243	Cave Cyn Unit	/Nev.		
45-037-21095 9775 385 24E 3	Ismy ,	WIW		447816	lavelyn Unit			
				<u>, , , , , , , , , , , , , , , , , , , </u>				
			TOTALS					
			,			·		
MMENTS:		···						
				- ,				
eacoy certify that this report is true and complete to the	he hest of m	v knowladaa		_				
	ne nestot W	у кию <b>чес</b> де.	•		ite:			
ne and Signature:					Telephone Number:			

FORM 9	E OF UTAH	NO			
	DIVISION OF OIL, GAS AND MINI	NG r			
			Lease Designation and Serial Number:     U-40751		
SHINDA	NOTICES AND REPORTS ON V		6. If Indian, Allottee or Tribe Name:		
CONDICT	TO TIOLO AND NEI ONTO ON V		NA		
Do not use this form for proposals t	a drill now walle, dagger avicting walls, or to reactor of	1	7. Unit Agreement Name:		
	o drill new wells, deepen existing wells, or to reenter pl N FOR PERMIT TO DRILL OR DEEPEN form for such	i	NA		
1. Type of Well:	N FOR PERMIT TO DRILL ON DEEPER IONITIO SACT	гргорозаіз.	8. Well Name and Number:		
OILX GA	S OTHER:		Cave Canyon Fed. 1-33		
2. Name of Operator:			9. API Well Number:		
Central Resources, Inc.			43-037-31276		
3. Address and Telephone Number:			10. Field and Pool, or Wildcat:		
	e 2600 Denver, CO 80203 303-83	0-0100	Cave Canyon, Ismay		
4. Location of Well:					
Footages: 535' FS	L & 2025' FEL		County: San Juan		
QQ, Sec., T.,R.,M.: SW SE	Sec. 33-T37S-R24E		State: Utah		
11. CHECK AF	PROPRIATE BOXES TO INDICATE	NATURE OF NOTICE. R	REPORT OR OTHER DATA		
	OF INTENT		SUBSEQUENT REPORT		
(Submit i	Duplicate)		(Submit Original Form Only)		
Abandonment	New Construction	Abandonment *	New Construction		
Casing Repair	Pull or Alter Casing	Casing Repair	Pull or Alter Casing		
Change of Plans	Recompletion	Change of Plans	Shoot or Acidize		
Conversion to Injection	Shoot or Acidize	Conversion to Injection	Vent or Flare		
Fracture Treat	Vent or Flare	Fracture Treat	Water Shut-Off		
Multiple Completion	Water Shut-Off	X Other Change of Open	Operator		
Other					
		Date of work completion			
Approximate date work will start		· •	empletions and Recompletions to different reservoirs on WELL		
•		COMPLETION OR RECOMPLETION AND LOG form.			
		* Must be accompanied by a cemer	nt verification report.		
12. DESCRIBE PROPOSED OR COMPLE vertical depths for all markers and zone	,	and give pertinent dates. If well is direct	tionally drilled, give subsurface locations and measured and true		
Effective 9/1/96 operation	s of the subject well were transferre	d from Giant Exploration	& Production Company		
to Central Resources, Inc.			नवाणादा भारति।		
		1	OCT 0 7 1996		
<b>K</b>	A		DIV. OF OIL, GAS & MINING		
Giant Exploration & Production Company Name & Signature	Daramillo	Title: Production/Reg	gulatory Manager Date: August 30, 1996		
	V				

rene Martey Title: Engineering Technician

August 30, 1996

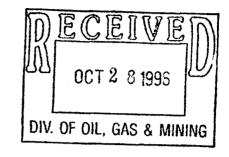
Date:

# CENTRAL

## RESOURCES, INC.

October 23, 1996

Ms. Lesha Cordova State of Utah Division of Oil, Gas & Mining 1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, Utah 84114-5801



Re: Monthly Oil & Gas Production Report

Dear Ms. Cordova:

Central Resources, Inc. purchased all assets from Giant Exploration & Production Company effective September 1, 1996.

Central is in the process of acquiring a Utah Account Number. However, to avoid mailing the enclosed Monthly Oil and Gas Production Report late, the account number on the report has been left blank.

If you have any questions regarding this matter, please contact Edna Wageman or myself at (505) 326-3325.

Sincerely,

Diane & Jaramillo by Ew

Diane G. Jaramillo Office Supervisor

DGJ/

\* 961028 Notilied Open. N6935 "Centrel Res. Inc."
(Cly not finelized yet!)

Enclosure

Form 3160-5 (June, 1990)

NITED STATES **DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT** 

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

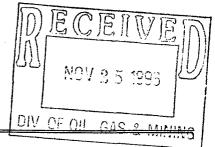
5. Lease Designation and Serial No. UTU40751

SUNDRY	NOTICES	AND RE	PORTS	ON	WELLS
--------	---------	--------	-------	----	-------

Do not use this form for proposals to drill, or to deepen or reentry to a different reservoir. 6. If Indian, Allotte or Tribe Name Use "APPLICATION FOR PERMIT-" for such proposals SUBMIT IN TRIPLICATE 7. If Unit or CA, Agreement Designation 1. Type of Well X Oil Well Gas Well Other 8. Well Name and No. 2. Name of Operator Cave Canyon 1-33 Central Resources, Inc. 9. API Well No. 3. Address and Telephone No. 43-037-31276 1775 Sherman Street, Suite 2600, Denver, Colorado 80203 (303)830-0100 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, T, R, M, or Survey Description) Cave Canyon, Ismay 535' FSL & 2025' FEL 11. County or Parish, State SW SE Sec. 33-T37S-R24E San Juan, UT CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Abandonment Change of Plans Notice of Intent Recompletion **New Construction** Plugging Back Non-Routine Fracturing Subsequent Report Casing Repair Water Shut-Off Altering Casing Conversion to Injection Final Abandonment Notice Surface Casing/Cementing Dispose Water Other: CHANGE OF OPERATOR (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form).

Please be advised that effective September 1, 1996, Central Resources, Inc. assumed operatorship of the referenced well. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Central Resources, Inc. under their statewide bond, BLM Bond No. B06175. They will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.

CONDITIONS OF APPROVAL ATTACHED



		- restraint
14. I hereby certify that the foregoing is true anglesqued Signed: NUN   NUNUTURE		
Signed: WWW / / WWWWW	Title: Engineering Technician	Date: November 1, 1996
(This space for Federal or State office use)	Assistant Field Manager,	L LIOLE
Approved by: /s/ Brad D. Palmer	Resource Management	101107 1 10 10 10 10 10 10 10 10 10 10 10 10 1
Conditions of approval, if any:		
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly a	and willfully to make to any department or agency of the Unit	ed States any false, fictitious or fraudulent
statements or representations as to any matter within its jurisdiction		

<sup>13.</sup> Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Central Resources, Inc. Well No. Cave Canyon 1-33 SWSE Sec. 33, T. 38 S., R. 24 E. San Juan County, Utah

#### **CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Central Resources, Inc., is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased land.

Bond coverage for this well is provided by BLM Bond UT1053 (Principle - Central Resources, Inc.) as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable <u>until</u> the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

Division of Oil, Gas and Mining

## **OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change. Initial each listed item when completed. Write N/A if item is not applicable.

Routing:	$\omega$
1-VER	6-11 Ecu
25000	7-KDR / /
3-DI8 215	8-SJ
4-VLD	9-FILE
5-RJF	

XXX					JF V	
	Change of Operator (well sold)	Designation of A	gent			
	- · · · · · · · · · · · · · · · · · · ·	Operator Name	•			
The	operator of the well(s) listed below has	changed, effective:	9-1-96		:	
TO: (	new operator) CENTRAL RESOURCES INC	FROM: (	old operator)	GIANT EXP	LOR & PRO	D CO
	(address) 1775 SHERMAN ST STE 2		(address)			
	DENVER CO 80203-4313		,	FARMINGTO		99
	IRENE MARTINEZ			DIANE JARA	AMILLO	
	Phone:(303)830-0100	)		Phone: (50	05)326-33	<del></del> 25
	Account no. N6935 (10			Account no		
WEL	L(S) attach additional page if needed:	*CAVE CANYON	UNIT			
NT	**SEE ATTACHED**		_			*
Name: Name:	Ani.	Entity:	S _ T S _ T	R	_ Lease: _	
Name:		Entity:	$-\frac{s}{c}-\frac{1}{\tau}$	R		
Name:	API: API:	Entity:	° 1	R	_ Lease: _ Lease:	
Name:	API:	Entity:	- S - T	R	_ Lease: _ Lease:	
Name:	API:	Entity:	$\frac{1}{2}$	R	Lease:	
Name:	API:	Entity:	$ \stackrel{\circ}{s}$ $ \stackrel{\cdot}{t}$		_ Lease: _	
OPFI	ATOR CHANGE DOCUMENTATION					
Lec:	1. (r649-8-10) Sundry or other legal (attach to this form). (fee'd 10-7-96) 2. (r649-8-10) Sundry or other legal do to this form). (fee'd 10-7-96) 3. The Department of Commerce has be any wells in Utah. Is the company refile number: #C0/93/// . (eff. 2	ocumentation has be een contacted if the registered with the s	een received f	rom the NE	W operato	or (Attach
Lec.	H. FOR INDIAN AND FEDERAL WELL Make note of BLM status in commen operator changes should ordinarily completion of steps 5 through 9 below	LS ONLY. The BL its section of this for take place prior	m. BLM appi	roval of Fede	eral and In	ıdian well
Lie :	Changes have been entered in the Oi	il and Gas Informat	ion System (3	270) for eac	h well list	ed above.
Tic e		ch well listed above	. (11-25-96)			
Lic 7	. Well file labels have been updated for	or each well listed a	above. [11-25-96	か		
<u>Le</u> 8	distribution to Trust Lands, Sovereig	monthly "Operator in Lands, UGS, Tax	, Address, an Commission,	d Account ( etc. [11-25-4	Çhanges" ا	memo for
Lie 9	. A folder has been set up for the Ope for reference during routing and pro-	rator Change file, a cessing of the origin	nd a copy of t	his page has	s been pla	ced there

OPERATO	OR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.
ENTITY	REVIEW
<u>fic</u> 1.	(r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
<u>N/A</u> 2.	Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.
BOND V	ERIFICATION - (FEE WELLS ONLY)
<u>N</u> A, 1.	(r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
1 pc	A copy of this form has been placed in the new and former operator's bond files.
	The FORMER operator has requested a release of liability from their bond (yes/no), as of today's date If yes, division response was made to this request by letter dated
LEASE I	NTEREST OWNER NOTIFICATION OF RESPONSIBILITY
2/4 1. 12/6/14	Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
FILMING	
1.	All attachments to this form have been microfilmed. Today's date: 12-30-96.
FILING	
1. •	Copies of all attachments to this form have been filed in each well file.
2. 7	The original of this form, and the original attachments are now being filed in the Operator Change file.
COMME	NTS
96/125	Blm/moab aprv. 11-19-96.

• FORM 9	STATE OF UTAH		
-	DIVISION OF IL, GAS AND	MINING	
•			5. Lease Designation and Serial Number: U-40751
SUNDF	RY NOTICES AND REPORTS (	ON WELLS	6. If Indian, Allottee or Tribe Name;
			N/A
Do not use this form for propo	sals to drill new wells, deepen existing wells, or to re	enter niugged and shandoned wells	7. Unit Agreement Name:
	CATION FOR PERMIT TO DRILL OR DEEPEN form		N/A
1. Type of Well:	THE ON BELL ENGIN	ioi suoi proposais.	8. Well Name and Number:
OILX	GAS OTHER:		Cave Canyon Fed. 1-33
2. Name of Operator:			9. API Well Number:
Elm Ridge Resources,	Inc.		43-037-31276
<ol><li>Address and Telephone Number</li></ol>	er:		10. Field and Pool, or Wildcat:
312 W. LaPlata Street,	Farmington, New Mexico (505):	326-7099	Cave Canyon, Ismay
4. Location of Well:			
Footages: 535' FSL &	2025 FEL		County: San Juan
QQ, Sec., T.,R.,M.: S	W SE Sec. 33-T37S-R24E		State: Utah
11. CHECK	APPROPRIATE BOXES TO INDI	CATE NATURE OF NOTICE	, REPORT, OR OTHER DATA
	CE OF INTENT		SUBSEQUENT REPORT
(Sub	mit in Duplicate)		(Submit Original Form Only)
Abandonment	New Construction	Abandonment *	New Construction
Casing Repair	Pull or Alter Casing	Casing Repair	Pull or Alter Casing
Change of Plans	Recom	Change of Plans	Shoot or Acidize
Conversion to Injection	Shoot or Acidize	Conversion to Injecti	on Vent or Flare
Fracture Treat	Vent or Flare	Fracture Treat	Water Shut-Off
Multiple Completion	Water Shut-Off	X Other Change of C	Operator
Other			
		Date of work completion	n
Approximate date work will st	art	·	
, appreximate date from the ex-			<ul> <li>Completions and Recompletions to different reservoirs on WELL</li> <li>MPLETION AND LOG form.</li> </ul>
		* Must be accompanied by a co	
		details, and give pertinent dates. If well is	directionally drilled, give subsurface locations and measured and true
vertical depths for all markers and	zones pertinent to this work.)		
Effective Ocober 1, 20	00, operations of the subject well	were transferred from Centr	al Resources, Inc. to Elm Ridge Resources, Inc.
ŕ	- · · · · · · · · · · · · · · · · · · ·		
			DAVISION OF OIL, GAS AND HANING

Central Resources, Inc.

Name & Signature

13. Elm Ridge Resources, Inc.

Name & Signature

Title: Engineering Technician

Date: 09/29/00

Title: Operations Manager

Date: <u>09/29/00</u>

Division of Oil, Gas and Mining

## **OPERATOR CHANGE WORKSHEET**

ROUTING

1. GLH

2. CDW

5-LP

6-FILE

Enter date after each listed item is completed

## X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below	has changed, effective:	04-01-20	001			
FROM: (Old Operator):		<b>TO</b> : ( Ne	w Operator):		·-····························	7
CENTRAL RESOURCES INC		`	GE RESOUR	CES INC		
Address: P. O. BOX 189			P. O. BOX 1	•		
7 Kddress. 1 . O. DOX 107		7xuuress.	1.0.DOX 1	07		
FARMINGTON, NM 87499-189		FARMING	GTON, NM 8	7499-189		
Phone: 1-(505)-632-3476		Phone:	1-(505)-632-		·	
Account N6935		Account	N1440	3.70		-84
		7.0000	111110			<del></del>
CA No.		Unit:	CAVE CAN	YON PROJI	ECT	1-1
WELL(S)						
	API NO.	ENTITY	SEC. TWN	LEASE	WELL	WELL
NAME		NO.	RNG	TYPE	TYPE	STATUS
CAVE CANYON 1-33	43-037-31276	9775	33-37S-24E	FEDERAL		P
CAVE CANYON 3-2	43-037-31120	9775	03-38S-24E			P
CAVE CANYON 3-3	43-037-31413	9775	03-38S-24E			S
CAVE CANYON 12-3	43-037-31567	9775	03-38S-24E			S
CAVE CANYON 13-3	43-037-31766	9775	03-38S-24E			S
CAVE CANYON 1-4	43-037-31028	9775	04-38S-24E			P
CAVE CANYON 4-3	43-037-31414	9775	04-38S-24E			S
CAVE CANYON 4-4	43-037-31539	9775	04-38S-24E	FEDERAL	OW	P
CAVE CANYON 4-5	43-037-31695	9775	04-38S-24E	FEDERAL	OW	P
1. (R649-8-10) Sundry or legal documentation was		ER operator	on:	10/10/2000		
2. (R649-8-10) Sundry or legal documentation was	received from the <b>NEW</b> o	perator on:		10/10/2000		
3. The new company has been checked through the	Department of Commer	ce, Division	of Corporati	ons Database	on:	06/12/2001
4. Is the new operator registered in the State of Ut_	YES	Business 1	Number:	4830075-115	50	
5. If <b>NO</b> , the operator was contacted contacted on:		<del></del>				
6. <b>Federal and Indian Lease Wells:</b> The Bor operator change for all wells listed on Federal				r, name cha	nge,	

Federal and Indian Units: The BLM or BIA has approved the successor of unit operator

for wells listed on:

8.	Federal and Indian Communization Ag change for all wells listed involved in a CA on:		M or the BIA has approve	ed the operator
9.	Underground Injection Control ("U. The for the enhanced/secondary recovery unit/project for			Inject,
$\overline{\mathbf{D}}$	ATA ENTRY:		" "	
1.	Changes entered in the Oil and Gas Database	06/12/2001		
2.	Changes have been entered on the Monthly Opera	tor Change Spread Sheet on:	06/12/2001	
3.	Bond information entered in RBDMS on:	N/A		
4.	Fee wells attached to bond in RBDMS on:	N/A		
S	TATE BOND VERIFICATION:			
1.	State well(s) covered by Bond No.:	N/A		
F	EE WELLS - BOND VERIFICATION/LE	EASE INTEREST OWNE	R NOTIFICATION:	
	(R649-3-1) The <b>NEW</b> operator of any fee well(s) li		N/A	
2.	The <b>FORMER</b> operator has requested a release of li The Division sent response by letter on:	iability from their bond on: N/A	N/A	
3.	(R649-2-10) The <b>FORMER</b> operator of the Fee well of their responsibility to notify all interest owners of		ned by a letter from the Division N/A	n
F)	LMING: All attachments to this form have been MICROFIL	MED on: 7,12,01		
	LING: ORIGINALS/COPIES of all attachments pertaining	g to each individual well have be	en filled in each well file on:	
C	DMMENTS:			
				<u> </u>
_				-
_				
_				

Form 3160-5

(June, 1990)

# DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APPE	ROVED

Budget Bureau No. 1004-0135

_			
Expires:	March 31,	1993	

	OUTUO OL TUMO MAMANGEMENI	Expires: March 31, 1993
	ntreven	5. Lease Designation and Serial No.
SUNDRY	NOTICES AND REPORTS ON WELLS	UTU40751
Do not use this form for	r proposals to drill, or to deepen or reentry to a different reservoir.	6. If Indian, Allotte or Tribe Name
Use "APP	LICATION FOR PERMIT-" for such proposals GCT 13 D 2: 1	£
SUBMIT IN	N TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well	TOT OF THE INTERIO	
X Oii Well	Gas Well Other	8. Well Name and No.
2. Name of Operator		Cave Canyon 1-33
Elm Ridge Resources, In	С.	9. API Well No.
3. Address and Telephone No.	632-3476	43-037-31276
312 W. LaPlata Street, Fa	armington, New Mexico (505) <del>326-7099</del>	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, T, R, M, or	Survey Description)	Cave Canyon, Ismay
535' FSL & 2025' FEL		11. County or Parish, State
SW SE Sec. 33-T37S-R24E		San Juan, UT
12. CHECK APPROPRIAT	E BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR O	THER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
<b></b>	Abandonment	Change of Plans
Notice of Intent	Recompletion	New Construction
<b></b>	Plugging Back	Non-Routine Fracturing
Subsequent Report	Casing Repair	Water Shut-Off
	Altering Casing	Conversion to Injection
Final Abandonment Notice	Surface Casing/Cementing	Dispose Water
	X Other: CHANGE OF OPERATOR (Note	: Report results of multiple completion on Well
	Comp	oletion or Recompletion Report and Log form).
13. Describe Proposed or Completed Operation	s (Clearly state all pertinent details, and give pertinent dates, including estimated date	of starting any proposed work.
If well is directionally drilled, give subsurface	ocations and measured and true vertical depths for all markets and zones pertinent to	this work.)*
Please be advised that-offocti	<del>vo Ootober 1, 2000</del> , Elm Ridge Resources, Inc. assu	med operatorship of the
	ge pursuant to 43 CFR 3104 for lease activities is be	eing provided by Elm Ridge
December Inc. under their et	ataudda baud Distro - Ist annanna an i - an s	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent

Division of Resources

Elm Ridge Resources, Inc. Well No. Cave Canyon 1-33 SWSE Sec. 33, T. 37 S., R. 24 E. Lease UTU40751 San Juan County, Utah

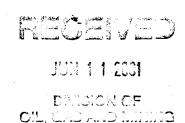
#### **CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Elm Ridge Resources, Inc. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT1216 (Principal - Elm Ridge Resources, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable <u>until</u> the provisions of 43 CFR 3106.7-2 continuing responsibility are met.



# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		IIIII G		5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY	NOTICES AND REPORT	.S	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Oo not use this form for proposals to drill in drill horizontal is	new wetis, significantly deepen existing wells below cur aterals. Use APPLICATION FOR PERMIT TO DRILL (	rrent bottom-hole depth form for such proposals	reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME
OIL WELL	GAS WELL OTHER			8. WELL NAME and NUMBER:
2 NAME OF OPERATOR:				See attached Exhibit "A"
Elm Ridge Exploration Co	mpany, LLC N3985	<u> </u>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 12225 Greenville, Suite 950			HONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	<sub>y</sub> Dallas <sub>STATE</sub> TX <sub>ZIP</sub>	75243	(972) 889-2100	<u> </u>
FOOTAGES AT SURFACE:				
				COUNTY:
QTRIQTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN:			STATE:
OUEOK ADDE				UTAH
11. CHECK APPE	ROPRIATE BOXES TO INDICAT	E NATURE O	F NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION			PE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTR	UCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR C	HANGE	TUBING REPAIR
<b>[</b> ]	CHANGE TUBING	PLUG AND AB	ANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION	(START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS	RECLAMATIO	OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLETE	- DIFFERENT FORMATION	
12 DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pr	ertinent detaile inclu	ding datas, dantha value	
the attached Exhibit "A" to	Elm Ridge Exploration Company	nsierred all res / TTC:	ponsibility of Oper	rations for the wells described on
•		, LLO.		
Current Operator:				
Name Elm Ridge	Resources, Inc. N/446	D Title	Land Manag	ger .
Signature Cot	Meen Colle	Date		
New Operator:		Date	December 1	2005
NAME (PLEASE PRINT) Elm	Ridge Exploration Compa	nv. I.I.ame	Land Manac	ger Ter
(à l'A)	Calla		mind Parla	55-
SIGNATURE CONTINUES	n colly	DATE	December_1	L. 2005
This space for State use only)				

RECEIVED DEC 05 2005

#### Exhibit "A" Operator Change Effective February 18, 2005

Old One-steri	Elm Bides Bessu	!								
Old Operator:	Elm Ridge Resour		1		ļ		ļ <u>.</u>		·	
New Operator:	Elm Ridge Explora	tion Company, LLC							ļ <u></u>	
										!
Lease Designation /	Indian, Allottee	Unit or CA	Well Name			Field and Pool	Location of Well	1/41/4 Section		;
Serial Number	or Tribe Name	Agreement	and Number	API Number	Type Well	or Wildcat	Footages at Surface	Township, Range	County	State
14-20-603-239A	Navajo	Gothic Mesa Unit	Gothic Mesa 7-41	43-037-15032	Oil Well	Gothic Mesa	625' FNL, 710' FEL	NENE-7-41S-23E	San Juan	UT
14-20-603-239A	Navajo	Gothic Mesa Unit	Gothic Mesa 6-34	43-037-15034	Oil Well	Gothic Mesa	660' FSL, 1980' FEL	SWSE-6-41S-23E	San Juan	UT
14-20-603-240	Navajo	Gothic Mesa Unit	Gothic Mesa 17-31	43-037-15040	Oil Well	Gothic Mesa	820' FNL, 2140' FEL	NWNE-17-41S-23E	San Juan	5
UTU-47876	N/A	N/A	Wells Federal 1-4	43-037-31028	Oil Well	Cave Canyon	500' FNL, 500' FEL	NENE-4-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 3-2	43-037-31120	Oil Well	Cave Canyon	1925' FSL, 1925' FWL	NESW-3-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 1-33	43-037-31276	Oil Well	Cave Canyon	535' FSL, 2025' FEL	SWSE-33-37S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 3-3	43-037-31413	Oil Well	Cave Canyon	2635' FNL, 1390' FWL	SENW-3-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon Federal 4-3	43-037-31414	Oil Well	Cave Canyon	1310' FNL, 200' FEL	NENE-4-38S-24E	San Juan	UT
ST of UT ML-43698	N/A	N/A	Gage Foster 1	43-037-31463	Oil Well	Road Canyon	2180' FNL, 1780' FWL	SENW-32-37S-23E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 4-4	43-037-31539	Oil Well	Cave Canyon	1150' FNL, 1070' FEL	NENE-4-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon Federal 12-3	43-037-31567	Oil Well	Cave Canyon	1610' FNL, 1300' FWL	SWNW-3-38S-24E	San Juan	UT
14-20-603-239	Navajo	Gothic Mesa Unit	Gothic Mesa 6-43	43-037-31643	Oil Well	Gothic Mesa	1900' FSL, 500' FEL	NESE-6-41S-23E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon Federal 4-5	43-037-31695	Oil Well	Cave Canyon	50' FNL, 1800' FEL	NWNE-4-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 13-3	43-037-31766	Oil Well	Cave Canyon	2045' FSL, 1180' FWL	NWSW-3-38S-24E	San Juan	UT
UTU-47876	N/A	. N/A	WSW. No. 1	43-037-31820	Water Source	Cave Canyon	1800' FSL, 1845' FWL	NESW-3-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 3-1	43-037-31095	Water Injection	Cave Canyon	2140' FNL, 200' FWL	SWNW-3-38S-24E	San Juan	UT
14-20-603-243	Navajo	Gothic Mesa Unit	Gothic Mesa 16-11	43-037-15042	Water Disposal	Gothic Mesa	500' FNL, 500' FWL	NWNW-16-41S-23E	San Juan	UT

## OPERATOR CHANGE WORKSHEET

ROUTING 1. DJJ 2. CDW

Change of Operator (Well Sold)

Designation of Agent/Operator

## **X** Operator Name Change

Merger

The operator of the well(s) listed below	w nas changed,	errective	e:	2/18/2005				
FROM: (Old Operator):				TO: ( New Operator):				
N1440-Elm Ridge Resources, Inc.				N2985-Elm Ri	dge Exploration	on Compan	y, LLC	
12225 Greenville, Suite 950				12225	Greenville, Su	ite 950		
Dallas, TX 75243					TX 75243			
Phone: 1-(972) 899-2100				Phone: 1-(972)				
	CA No.			Unit:		CANYON	WATER	FLOOD
WELL(S)						· · · · · · · · · · · · · · · · · · ·		
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CAVE CANYON 1-33	33	370S	240E	4303731276		Federal	ow	P
CAVE CANYON 3-1	03	380S		4303731095		Federal	WI	A
CAVE CANYON 3-2	03	380S	+	4303731120		Federal	ow	P
CAVE CANYON 3-3	03	380S		4303731413		Federal	low	S
CAVE CANYON FED 12-3	03	380S		4303731413		Federal	low	P
CAVE CANYON 13-3	03	380S		4303731766		Federal	ow	P
WSW NO 1	03	380S		4303731700		Federal	ws	
WELLS FED 1-4	04	380S		4303731028		Federal	OW	A P
CAVE CANYON FED 4-3	04	380S		4303731414		Federal	OW	S
CAVE CANYON FED 4-4	04			4303731539		Federal	low	
CAVE CANYON FED 4-5	04	380S		4303731695		Federal	low	P
	- 0	3005	240L	4303731093	9//3	rederai	low	P
			<u> </u>		<b>-</b>		<b>-</b>	<del> </del>
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		<del></del>			<del> </del>		<del>                                     </del>	
	<del></del>	<del> </del>					<b> </b>	<u> </u>
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	<u></u>	L	I			·	<u> </u>	
OPERATOR CHANGES DOCUME Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation 2. (R649-8-10) Sundry or legal documentation	was received f				<b>ı:</b>	12/5/2005		
3. The new company was checked on the <b>Dep</b>	artment of Co	nmerce	Diviei	on of Carporat	ions Databas	0.000	-	10/0/000
Is the new operator registered in the State of	f I Itah:							12/8/200
			I ES	Business Numb	er: 5	853806-01	5 I	
i. If NO, the operator was contacted contacted	i on:							
5a. (R649-9-2)Waste Management Plan has bee	n received on:				requested 10	/8/05		
6b. Inspections of LA PA state/fee well sites co			•	n/a	all pa wells a			
	-			IV G	an ha wells a	re indian		
Sc. Reports current for Production/Disposition	Pr Cumdeina			ok	-			

7. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on:				
8.			not yet	
9.	The BLM or BIA has approved the operator for all wells listed within a CA on:  n/a			
10	. Underground Injection Control ("UIC") The Divis for the enhanced/secondary recovery unit/project for the water dispose		Form 5, Transfer of Authority to Inject,  12/7/2005	
D	ATA ENTRY:			
1.	Changes entered in the Oil and Gas Database on:	12/8/2005		
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on:		12/8/2005	
3.	Bond information entered in RBDMS on:	12/8/2005		
4.	Fee/State wells attached to bond in RBDMS on:	12/8/2005		
5.	Injection Projects to new operator in RBDMS on:	12/8/2005		
6.	Receipt of Acceptance of Drilling Procedures for APD/New on:		n/a	
FI	EDERAL WELL(S) BOND VERIFICATION:			
1.	Federal well(s) covered by Bond Number:	UT00126		
ĪN	DIAN WELL(S) BOND VERIFICATION:			
1.	Indian well(s) covered by Bond Number:	886936C		
FI	EE & STATE WELL(S) BOND VERIFICATION:			
1.	(R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number		1116000107	
	The FORMER operator has requested a release of liability from their The Division sent response by letter on:	bond on:	n/a	
	EASE INTEREST OWNER NOTIFICATION: (R649-2-10) The FORMER operator of the fee wells has been contact of their responsibility to notify all interest owners of this change on:	ted and informed by a l	etter from the Division	
COMMENTS:				